



Start-ups (335 results)

Below you can find a list of chemistry start-ups and start-ups from related areas (such as industrial biotechnology and process engineering). We are always endeavoured to keep our database complete and up to date. If your start-up is not listed, please [register here](#). You are also welcome to have entries for your start-up changed or deleted at any time. Just send us an email (info@forum-startup-chemie.de).

ekolive s.r.o.

Domicile: Košice

Founding year: 2018

Business model: ekolive is the first and leading provider of a new ecological bioleaching method for ecological release of elements and degradation of organic contamination. By this innovative biological technology, ekolive solves environmental hazards and cleans contaminated environment polluted by heavy metals and organics, giving a second life to different industrial wastes, replacing dangerous mining and processing methods, and cleaning industrial minerals from metals by an ecological and economical way.

Website: ekolive.eu

Grandperspective GmbH

Domicile: Berlin

Founding year: 2019

Business model: Our know-how in remote sensing systems has been developed over years of working with plant operators and first responders. The scanfeld™ early warning solution combines a novel detection system with an intelligent software solution to form world's first remote monitoring solution for chemical plants. Hundreds of chemicals are easily identified from kilometres away by FTIR spectroscopy. Gas leaks are quickly detected and the distribution of hazardous gas clouds is monitored and visualized.

Website: www.grandperspective.de

CASCAT GmbH

Domicile: Straubing

Founding year: 2014

Business model: CASCAT ist ein dynamisches und innovatives Unternehmen der industriellen Biotechnologie. Unsere Expertise liegt in der intelligenten Kombination von chemischen und biologischen Katalysatoren für eine effiziente Produktion von Grund- und Feinchemikalien. Hierfür erarbeiten wir in enger Kooperation mit unseren Partnern und Kunden neue Prozessrouten. Ziel ist die Bereitstellung chemischer Verbindungen mittels einer kosteneffizienten Produktion auf der Basis von Nachwachsenden Rohstoffen.

Website: www.cascata.de

Innoverda

Domicile: Villejuif

Founding year: 2017

Business model: INNOVERDA is a French start-up company dedicated to the implementation of Green Chemistry Solutions in the Pharmaceutical and Chemical Industry. It was founded in October 2017 in Paris. We design, develop and implement innovative processes using continuous flow electrosynthesis, electro dialysis and biomimetic electrochemical processes for the synthesis and manufacturing of building blocks and final molecules in the pharmaceutical and chemical industry, from lab to pilot scale.

Website: www.innoverda.com

KitoSano

Domicile: Isla Mayor (Sevilla)

Founding year: 2017

Business model: Production of traceable, high-quality chitosan

Website: www.kitosano.com

Wasser 3.0 gGmbH

Domicile: Karlsruhe

Founding year: 2020

Business model: Wasser 3.0 gGmbH enables new levels of environmental and health protection in (waste) water treatment by combining high-tech materials, low-tech processes, and a systemic perspective under the umbrella of our microplastic and micropollutant strategy detect | remove | reuse. Our focus lies on cost- and energy-efficient, easily applicable, and pollution-tailored solutions for the removal of microplastics and micropollutants from waters, including detection methods and reuse concepts.

Website: www.wasserdreinull.de

INDRESMAT

Domicile: Hospitalet de Llobregat (Barcelona)

Founding year: 2017

Business model: INDRESMAT is a chemical startup that redefined the thermal envelope of buildings & houses to reduce their CO2 emissions, targeting a 70% decrease in their thermal energy demand. Our company addresses the energy leaking problem in 100% of the building's thermal envelope (windows, doors, walls, roof, and floor), through 2 circular products (KLIMA-PUR frames & SAFE-PUR insulation foams) based on renewable sourced Polyurethane (bioPUR), this being the most insulating material with a low C-Footprint.

Website: www.indresmat.com

MAGNOTHERM

Domicile: Darmstadt

Founding year: 2019

Business model: MAGNOTHERM develops and builds highly-efficient and sustainable cooling systems based on magnetic materials. With our patented material processing process, it is now possible for the first time to realize a magnetic cooling device at reasonable costs. Due to the significantly higher efficiency with an increase of up to 40% as well as the complete elimination of cooling gases, the system is superior to the previous compressor system.

Website: www.magnotherm.com

ipOcean Global GmbH

Domicile: Mainz

Founding year: 2019

Business model: ipOcean is a blockchain-based, proprietary Internet network, which enables organizations to present and pass on knowledge, technologies, solutions, innovations and any other type of intellectual property in a protected manner, in order to quickly collaborate. It combines speed, connectivity and power of an Internet platform with proof of ownership, transfer & delivery of data, e-signature agreements during interaction and user identification in a verifiable and tamper-proof manner. ipOcean as a freemium-model focuses on protecting information and interactions in B2B marketplaces, communities and exhibitions.

Website: <https://my.ipoccean.com>

Grüter Chemie GmbH

Domicile: Mülheim an der Ruhr
Founding year: 2020
Business model: Development and sales of innovative chemical formulations with a focus on sustainability, health and resource efficiency. We support chemical raw material producers in reducing their time-to-market of chemical innovations from several years to just 6-9 months by a standardized joint process. This will have significant impact on their ROI within research and development.
Website: www.grueter-chemie.de

Zeopore Technologies NV

Domicile: Heverlee
Founding year: 2017
Business model: Development and commercialisation (via licensing or product supply) of mesoporous technologies for zeolites in catalytic applications. Brings increased activity or selectivity of the catalyst in refining and petrochemical processing, including plastic waste and biomass conversion
Website: <https://www.zeopore.com>

X4C

Domicile: Gosselies
Founding year: 2016
Business model: X4C s.a. is active in the development and marketing of an innovative surface treatment patented technology. The technology allows to graft, in a covalent and controlled way, a robust and compact organic monolayer of calix[4]arenes on any type of surface. The monolayer thus formed offers the great advantage of being easily post-functionalized to generate custom surface properties (anti-fouling, detection,...) according to customer needs. X4C targets the in vitro diagnostics (IVD) and medical device sectors.
Website: <https://www.X4C.eu>

VersaSense NV

Domicile: Leuven
Founding year: 2016
Business model: We are a high-tech spin-off of KULeuven/DistriNet, which focuses on end2end solutions for the (Industrial) Internet of Things. With our experience and technology we mainly focus on the problem of reliable, secure and wireless (sensor) data capturing of all kinds of "assets of things" such as machines, meters, industrial processes, etc. We do all this with our own developed hardware and software.
Website: <https://www.versasense.com>

TheraVet SA

Domicile: Jumet
Founding year: 2017
Business model: TheraVet's mission is to develop innovative, safe and effective treatments to improve the well-being and quality of life of companion animals suffering from osteoarticular diseases. TheraVet's main targets (indications & applications) are osteoarthritis, ligament & tendon injuries and bone surgery in cats and dogs as well as horses. TheraVet works in close collaboration with key opinion leaders in Belgium and abroad (France, Switzerland, United Kingdom & United States) to better address the ever-increasing needs of veterinary medicine.

Website: <https://www.thera.vet>

SYNGULON

Domicile: Seraing,

Founding year: 2013

Business model: Syngulon is a synthetic biology startup developing original genetic technologies using bacteriocins to improve microbial fermentation. Syngulon sells non-exclusive licences of patented technologies.

Website: <https://www.syngulon.com>

Secoya Technologies

Domicile: Louvain-la-Neuve

Founding year: 2019

Business model: Secoya develops novel technologies for the precise manufacturing of pharmaceutical products. Our core principle is to tailor the reactor size for industrial processes down to the ideal scale, in order to achieve their optimal control, leading to well-defined products. This principle is applied to intensified chemical synthesis, crystallization, pervaporation and micro-encapsulation. Secoya's technologies are inherently compatible with continuous manufacturing.

Website: <https://www.secoya-tech.com>

QustomDot BV

Domicile: Ghent – Zwijnaarde

Founding year: 2020

Business model: QustomDot is an advanced materials company which is developing an on-chip grade Quantum Dot (QD) technology. QustomDot targets customers in the microLED market and can offer its customer development projects to customize the QustomDot technology to get as close as possible to a complete package of specs in a certain time frame of the customer's choice. The service to our customers is to find/develop the combination that is needed for their specific application in the most efficient way. This allows us to assist customers in successfully integrating QDs into their products.

Website: <https://www.qustomdot.com>

PolyPea SRL

Domicile: Pecq

Founding year: 2020

Business model: PolyPea is a start-up which aims to develop and produce 100% biobased and biodegradable thermoplastic granules based on waste or co-products from the agri-food industry, in particular pea starch, to meet the need to replace oil-based plastics with environmentally sustainable alternatives. Our bioplastic can be used for the manufacture of films for packaging applications in the chemical, sanitary, food or even medical fields.

Website: <https://www.polypea.be>

PEPITE

Domicile: Liège

Founding year: 2002

Business model: The company provide AI based solution to optimise performance of operations. Business model is based on two sources of revenue. (1) Services to deploy AI technology in factories and coach process engineers in using (2) Access to our proprietary DATAMAESTRO technology based on yearly fee (SaaS model).

Website: <https://www.pepite.com>

Lisam Systems sa

Domicile: Ecaussinnes

Founding year: 1999

Business model: Develop and rent a Safety Datasheet Authoring Automation Software complying with GHS globally. Develop and rent a Safety Datasheet Distribution Automation Software. Develop and rent a Chemical Inventory and Management Software importing SDS information received from Suppliers in a digital format and converting incoming SDS in a digital format when the supplier is providing only a PDF.

Website: <https://www.lisam.com>

Iristick

Domicile: Antwerp

Founding year: 2016

Business model: Iristick creates industrial smart safety glasses that are rugged, certified safety glasses with 2 cameras with a powerful optical zoom lens, barcode scanner, voice commands and 'full-shift' battery capacity. Iristick enables hands-free operations in three domains: • 'See-What-I-See' allows an expert to remotely support a colleague during field-maintenance and training. • 'Digital checklists' provide hands-free instructions when executing daily tasks. • 'Pick-by-Vision' is the new way of operating logistics warehouses. Iristick is used in maintenance, after-sales support, logistics, quality control, tele-medicine.

Website: <https://www.iristick.com>

GREEN FRIX S.A.

Domicile: Blandain

Founding year: 2013

Business model: They use a proprietary owned and developed plasma process to • Oligo-/ polymerize vegetable oils • Partially hydrogenize oils with the use of metal based catalyst. • Functionalize vegetable oils We take care of the whole process from buying the vegetable oils to delivering the customer with the required specification. We as well offer the possibility to treat oils on demand.

Website: <https://www.greenfrix.com>

FYTEKO

Domicile: Brussels

Founding year: 2014

Business model: Design and produce new biobased molecules (green chemistry). Main application in the Agriculture sector. First products are biostimulants enabling crops to better sustain abiotic stress and climate change. Distribution occurs through national distributors, agrochemicals and seed companies.

Website: <https://www.fyteko.com>

DoseVue NV

Domicile: Diepenbeek

Founding year: 2013

Business model: DoseVue develops and commercializes innovative minimally invasive solutions for in-vivo dosimetry and for preclinical and clinical quality insurance. DoseVue's first product, DoseWire 200, recently obtained CE Marking and aims to improve the standard of care of specific radiotherapeutic modalities for which real-time dosimetric measurement is challenging to perform.

Website: <https://www.dosevue.com>

Augniton

Domicile: Sint-Martens-Latem

Founding year: 2014

Business model: Proceedix is a digital platform for work instruction and inspection workflow execution with mobile and wearable technology. All execution details of each instruction or inspection are automatically logged on the platform. Proceedix is device agnostic and allows operators, technicians and inspectors to execute their instructions and inspections with a Windows PC or tablet, Android or iOS mobile device or with smart glasses like Iristick, Realwear, Google Glass etc.

Website: <https://www.proceedix.com>

Aloxy

Domicile: Antwerp

Founding year: 2020

Business model: Aloxy offers reliable industrial Internet of Things solutions tailored to the needs of the chemical, oil & gas and process industry. Our technology makes assets smart, allows to automate processes further and deliver actionable insights into industrial operations. Our first solution is one for manual valve position monitoring. To do so, we sell our customers the necessary sensors, network infrastructure and backend platform to process all the data or integrate it within existing systems such as their DCS, SCADA, Historian or IoT platform.

Website: <https://www.aloxy.io>

ACARYON GmbH

Domicile: Schildow bei Berlin

Founding year: 2019

Business model: ACARYON GmbH develops next-generation pre-/post- or probiotics and microbiome applications. ACARYONs glycobiology experts also provide services regarding strain development, strain analysis, assay development, microbial-glycobiology, fermentation and production processes.

Website: <https://www.acaryon.com/>

BIOVOX

Domicile: Darmstadt

Founding year: 2020

Business model: We are producing functionalized bioplastics with the first product being antimicrobial bioplastics. Our new antimicrobial additive is biobased. The materials are available for injection moulding as well as for different 3d printing technologies. Applications are various consumer products for which we have a specific brand as well as surfaces for objects in public space, e.g. strap loops in public transport, medical and laboratory devices or hygienic packaging and many others.

Website: <https://www.biovox.systems/>

biotechrabbit GmbH

Domicile: Henningsdorf

Founding year: 2011

Business model: biotechrabbit GmbH offers high-quality products, supports the development of life science innovations and research in the fight against diseases. The portfolio includes high-purity enzymes for diagnostic applications, excellent antibody service and life science reagents for PCR, nucleic acid purification and protein research.

Website: <https://www.biotechrabbit.com/>

Soliquids GmbH

Domicile: München
Founding year: 2018
Business model: Soliquids develops, produces and distributes biopolymers as coatings, membranes, foils and green packaging for the food industry.
Website: <https://www.soliquids.com/>

Rough Coating Design GmbH

Domicile: Neuss
Founding year: 2012
Business model: Rough Coating Design develops polynitrons additives for innovative products in the coatings and adhesives industry.
Website: <http://oligonat.de/de/index.php>

QoD Technologies GmbH

Domicile: Berlin
Founding year: 2019
Business model: QoD Technologies provides a cloud-based SaaS platform for chemical and pharmaceutical simulations based on quantum chemistry and artificial intelligence. With our solution, the development of new drugs and novel materials can be accelerated while saving valuable resources.
Website: <https://www.qod-technologies.com>

PhoSüMa Photonic & Sustainable Materials GmbH

Domicile: Annaburg
Founding year: 2019
Business model: PhoSüMa develops, produces and distributes photonic materials with a clear focus on the sustainability of materials and processes using photopolymerization as a green technology.
Website: <https://www.phosuma.com/>

Oreltech GmbH

Domicile: Berlin
Founding year: 2018
Business model: OrelTech is an innovative enterprise in the conductive inks industry and can single-handedly enable the next generation of electronic devices. OrelTech produces nanoparticle-free conductive inks that can be processed by inkjet and other printing methods. Their inks and patented surface coating technology introduce multilevel cost-reduction for their customers.
Website: <https://www.oreltech.com/>

Oculavis GmbH

Domicile:
Founding year: 2016
Business model: Oculavis enables with its customized software using data glasses and Augmented Reality a remote support for the maintenance and repair of machines and production facilities.
Website: <https://oculavis.de/de/start/>

NanoCraft Coating GmbH

Domicile: Engen
Founding year: 2009
NanoCraft Coating offers research and development of innovative processes, materials and coatings on the basis of nano-, bio- and surface technology. Which can be applied in the following areas: jewellery and fashion industry, electronics and semiconductor industry, medical technology and metal processing industry.
Website: <https://nanocraft.de/>

IPPM Technologies GmbH

Domicile: Alzenau
Founding year: 2019
IPPM Technologies offers a highly efficient microwave systems for continuous reactions and processes for homogeneous and heterogeneous systems, such as mixtures liquid-liquid, solid-liquid and liquid-gaseous.
Website: <https://www.ippm-technologies.de>

HyTec Solutions GmbH

Domicile: Schlitberg
Founding year: 2018
HyTec Solutions develops, produces and distributes functional coating technologies in the field of hygiene especially for the food industry. Thereby focoussing on mould prevention and cleanliness in customers' production facilities.
Website: <https://hytec-solutions.de>

Glassomer GmbH

Domicile: Freiburg im Breisgau
Founding year: 2018
Glassomer develops, manufactures and distributes materials, processes and machienes for the production of precision glass and ceramic based components, such as microfluidic-chips and lenses. Furthermore Glassomer provides consulting services for the production of glass and ceramic based products.
Website: <http://www.glassomer.com/>

Enapter GmbH

Domicile: Berlin
Founding year: 2018
Enapter offers the first scalable electrolyser using anion exchange membrane (AEM) technology allowing a safe and flexible production green hydrogen, in order to replace fossil fuels.
Website: <https://www.enapter.com/>

Cutting-Edge Nanomaterials UG

Domicile: Waldenbuch
Founding year: 2018
CENmat offers consultation, contractual research, nanomaterial synthesis, upscale and nanomaterial integration.
Website: <https://cen-mat.com/>

CoIFerroX GmbH

Domicile: Mühlheim

Founding year: 2019
Business model: ColFerroX offers an innovative solution for groundwater, soil and wastewater treatment by absorbing large amounts of contaminants (heavy metals, Cyanide, ...) using colloidal iron oxide particles .
Website:

CO2BIOCLEAN GmbH

Domicile: Kronberg
Founding year: 2019
Business model: CO2BIOCLEAN uses industrial CO2 emissions to generate bio-based and bio-degradable natural polymers.
Website: <https://co2bioclean.com/>

Cellulosic Technologies UG

Domicile: Leinfeld-Echterdingen
Founding year: 2019
Business model: Cellulosic Technologies develops, produces, and markets biocellulose based materials and derivatives as ingredients for personal/home care and human nutrition formulations and many more.
Website: <https://www.cellulosictechnologies.com>

Carbolution Chemicals GmbH

Domicile: St. Ingbert
Founding year: 2010
Business model: Carbolution is a supplier of laboratory chemicals and reagents for research and development.
Website: <https://www.carbolution.de>

ACS Advanced Coating Solutions AG

Domicile: Hamburg
Founding year: 2019
Business model: ACS Advanced Coating Solutions develops sealants with a unique combination of brilliant colour refreshment, maximum colour intensity and a long-lasting protection in applications such as buildings and facades, vehicles and rims, industrial plants and components as well as cleaning and maintenance.
Website: <https://www.acs.ag/>

Aachen Proteineers GmbH

Domicile: Baesweiler
Founding year: 2019
Business model: Aachen Proteineers uses a peptide based adhesion technology to coat almost any surface with customer chosen target molecules. Their library of more than 100 anchorpeptides allow for tight, oriented and high density coating. The binding capability is determined using anchorpeptide fluorescence reporters
Website: <https://aachen-proteineers.de>

Bright Giant GmbH

Domicile: Jena
Founding year: 2019

Business model: With its software, SIRUS and the integrated SIRIUS+CSI:FingerID, Bright Giant facilitates structure elucidation of small molecules — such as metabolites — measured by tandem mass spectrometry using statistically profound combinatorial optimization.

Website: <https://bright-giant.com>

BioMP Biomasse Hochdruck GmbH

Domicile: Hamburg

Founding year: 2018

Business model: BioMP offers innovative solutions in the fields of process development and optimization, high pressure technologies, compounding by extrusion, extraction of functional ingredients for the food and pharmaceutical industry (Supercritical Fluid Extraction) as well as the performance of economic and environmental feasibility studies.

Website: <https://biomp.de>

Floccess GmbH

Domicile: Paderborn

Founding year: 2018

Business model: Floccess offers a unique software solution for optimal design and rating of pillow-plate heat exchangers and vessels for process industry.

Website: www.floccess.de

Tvarit GmbH

Domicile: Frankfurt am Main

Founding year: 2019

Business model: Tvarit provides customized AI solutions with a specific focus on the production and manufacturing industry to solve all kinds of data science challenges. Tvarit provides three main offerings: AI consultancy, AI solutions for specific use-cases and an AI platform enabling customers to create solutions on their own use-cases. Potential applications of their solutions are amongst others quality prediction, predictive maintenance and the optimization of production and logistics processes.

Website: www.tvarit.com

Varimol

Domicile: Stuttgart

Founding year: 2020

Business model: Click chemistry reagents for your needs, bioorthogonal tools. Stock chemicals, custom synthesis and expert support for applications including bioconjugation, in vivo labeling, immobilization and molecular surface functionalization.

Website: <https://www.varimol.de/>

Memetis GmbH

Domicile: Karlsruhe

Founding year: 2017

Business model: Memetis develops and manufactures ultracompact valves driven by its unique micro actuation technology. These media-separated valves show low internal volume and are easily customizable. Today, they are included in modular fluidic analysis platforms to control different kinds of analysis chips. They specifically meet the challenge of portability, decentral usage and reagent efficiency. Memetis engages in the customer specific development or adjustment of valves and fluidic analysis systems as well as the consequent manufacturing process.

Website: www.memetis.com

n.able

Domicile: Eggenstein-Leopoldshafen

Founding year: 2019

Business model: n.able produces and distributes instruments for structuring and characterization of surfaces in the micro/nanometer range. Furthermore, n.able produces and distributes chip-based micro/nanostructures with a focus on diagnostic and sensor applications as well as the provision of services in connection with the above mentioned fields.

Website: <https://www.n-able-innovation.com/>

E-Lyte Innovations GmbH

Domicile: Münster

Founding year: 2019

Business model: Global demand for lithium-ion batteries and growing interest in establishing a European or national cell production offer E-Lyte innovations promising market potential. Changing strategies on the market for batteries – focusing first on price and now on performance – make optimized electrolytes a necessity. E-Lyte Innovations GmbH meets this growing market demand by developing and producing ultra-pure, high-performance and application-specific electrolytes and electrolyte components for modern electromechanical energy storage technologies. By using a state-of-the-art high-throughput system, E-Lyte is able to perform this complex and specialized process in a time and cost-efficient manner.

Website: www.e-lyte-innovations.de

LignoPure GmbH

Domicile: Hamburg

Founding year: 2019

Business model: LignoPure offers supply and tailored development services of specialized biochemicals, new materials as well as innovative product solutions based on the second most abundant plant polymer on earth - lignin. Our broad supply network and know-how allow us to choose the best raw material basis for your new product development and to support you with the best possible development services when it comes to lignin-based innovations.

Website: <https://lignopure.de>

Biconex GmbH

Domicile: Radberg

Founding year: 2015

Business model: Business model (max. 500 characters) Development and distribution of environmentally friendly polymer plating technologies, coating services, licensing and consulting; completely chromium(VI)-free polymer plating, metal replacement by plating of high performance polymers.

Website: <https://www.biconex.de/>

Circular Carbon GmbH

Domicile: Würzburg

Founding year: 2018

Business model: Circular Carbon refines and produces biochar from cocoa shells (waste product of chocolate production) and other residues to a feed supplement (activated carbon), organic fertilizer and peat substitute. During production, energy is released from the cocoa shells, which is sold to the cocoa factory in the form of steam.

Website: <https://www.circular-carbon.com/>

Xebios Diagnostics GmbH

Domicile: Düsseldorf
Founding year: 2014
Business model: Production of Diagnostic Culture Media.
Website: www.xebios-diagnostics.de

Deutsche Nano LiquiTec GmbH

Domicile: Frankfurt
Founding year: 2016
Business model: Developer, manufacturer and global reseller of the first-to-market, environmentally friendly (green) nanotechnology liquid, Nano LiquiTec® with Graphene Dynamics®. Nano LiquiTec® is engineered with a proprietary mixture of pure graphene and nanoparticles and provides a cost-effective energy saving solution for the world's cooling, refrigeration, and heating systems.
Website: <https://www.nanoliquitec.com>

STC Technologies UG

Domicile: Frankfurt am Main
Founding year: 2017
Business model: Modular process development for resolving scale-up challenges from a batch to a continuous process, incorporating Model based Process Control (MPC) and Process Analytical Technologies (PAT) for a Quality by Design (QbD) based approach.
Website:

Venneos GmbH

Domicile: Stuttgart
Founding year: 2014
Business model: Venneos develops imaging systems based on silicon chips for the analysis of biological cells. The core of the technology is the silicon chip on which the cells grow and which detects the electrical signals of cellular changes. The signals are then processed and displayed as microscopy-like images. This makes it possible to detect changes that remain invisible with other technologies.
Website: <https://www.bioregio-stern.de/de/datenbank/unternehmen/venneos-gmbh>

Temicon GmbH

Domicile: Dortmund
Founding year: 2005
Business model: Temicon is a global technology leader and series producer of micro- and nanostructured films, components and functional surfaces. The company's products are key components in lighting and optical systems, displays and life science products. Photolithography, electroforming, injection molding and roll nanoimprint are the key technologies for volume production.
Website: <https://www.temicon.com/>

Surflay Nanotec GmbH

Domicile: Berlin
Founding year: 2008
Surflay Nanotec focuses on functional surfaces, nanoscale coatings, polymers and

Business model: microsensors. The company offers contract research services and surface solutions (surface modification and functionalization, Layer-by-Layer coatings), fluorescent labeled polymers, nanostructures, microstructures and beads, and microsensors.

Website: <http://www.sumay.com/>

Scienomics GmbH

Domicile: Augsburg

Founding year: 2006

Business model: Scienomics is a software and services company specialized in materials modeling and simulation.

Website: <https://www.scienomics.com/>

MORPHISTO GmbH

Domicile: Frankfurt am Main

Founding year: 2005

Business model: A spin-off of the Senckenberg Research Institute, MORPHISTO offers a wide range of laboratory and research services and special products for the daily routine in medical and biological laboratories. The company is involved in product development, clinical studies and contract research for partners from the pharmaceutical industry or universities.

Website: <http://www.morphisto.de/>

LabCognition, Analytical Software GmbH & Co. KG

Domicile: Köln

Founding year: 2004

Business model: Software solutions to manage and evaluate analytical and spectroscopic data and related information. The products cover the fields of chemistry, biochemistry and pharmacology by combining mathematical and scientific approaches with computer science.

Website: <https://www.labcognition.com/>

JPT Peptide Technologies GmbH

Domicile: Berlin

Founding year: 2004

Business model: JPT Peptide Technologies is a leading provider of innovative peptide-based services, and catalog products & kits, as well as a research and development partner for projects in immunology, proteomics and drug discovery.

Website: <https://www.jpt.com/>

Jennewein Biotechnologie GmbH

Domicile: Rheinbreitbach

Founding year: 2005

Business model: Jennewein Biotechnologie manufactures rare functional sugars for a wide range of applications, including nutritional, pharmaceutical and cosmetic products. The company is one of the world leaders in the manufacture of rare monosaccharides and complex oligosaccharides.

Website: <http://jennewein-biotech.de/>

Grand Flash GmbH

Domicile: Kelkheim

Founding year: 2013

Business model: Development, production and sale of industrial adhesives and related accessory products as

Website: well as the provision of related services.
<https://www.grandflash.de/en/>

Future Carbon GmbH

Domicile: Bayreuth

Founding year: 2002

Business model: Future Carbon is a specialist in the refinement of carbon based materials into carbon super-composites and applied products. The company's composite solutions combine various materials into a matrix that unleashes the characteristics of carbon materials including carbon nanomaterials in the electrical heating, conductivity, material improvement and electromagnetic shielding domain.

Website: <https://future-carbon.de/>

CAM-D Technologies GmbH

Domicile: Solingen, Essen

Founding year: 2002

Business model: A spin-off of the University of Essen, the company is engaged in contract research for the chemical industry. One key area is that of molecular modelling simulations in industrial research and development, particularly for new formulations of the odour adsorber zincricinoleate.

Website: <http://www.molecular-dynamics.de/>

AdFiTech GmbH

Domicile: Fürth

Founding year: 2014

Business model: AdFiTech develops, produces and markets high-performance polymers in the form of adhesive tapes, adhesives, sealants, thermoplastic elastomers, melt films, barriers or diffusible membranes. The products are further processed to individual components, system components and composite materials.

Website: <https://adfitech.de/>

DELTA Engineering & Chemistry GmbH

Domicile: Berlin

Founding year: 2000

Business model: Innovative solutions in the field of production and distribution of specialty chemicals, customer-specific synthesis and/or production of fine chemicals, analytical services for electroplating, corrosion protection and damage investigations, PVC dip coatings for coating electroplating racks, contract research for chemical processes/products, development of wastewater treatment concepts and wastewater chemicals.

Website: <https://delta-ec.de/>

BioChip Systems GmbH

Domicile: München

Founding year: 2017

Business model: BioChip Systems is a research-driven provider of bioelectronic applications. The company offers solutions for health care, drug research, bio- and environmental analytics and consumer applications, based on a comprehensive library of biohybrid, multiparametric electrochemical sensors and Lab-on-Chip-Systems. In addition, the company develops applications based on proprietary fluidic-systems, actuator technology and software systems.

Website: <https://www.biochip-systems.com/>

BIOSAXS GmbH

Domicile: Hamburg

Founding year: 2015

Business model: BIOSAXS is a software company that offers an advanced software suite for solution scattering from biological macromolecules as well as a technology (SAXS) for in-depth quantitative characterization of the behaviour and structure of biological macromolecules, polymers and nanoparticles in solutions.

Website: <http://biosaxs.com/>

Invitek Molecular GmbH

Domicile: Berlin

Founding year: 2002

Business model: Invitek Molecular GmbH is a partner for fully automated analyzer systems, software for laboratory data management, and smart consumables, providing automation solutions for in-vitro diagnostics and life science companies. In addition to pure instrumentation, the company covers the value chain for the specification, design, manufacture and approval of complex analyzer system solutions. This includes the development and integration of complex consumables, instrumentation and complementary middleware laboratory software.

Website: <https://www.invitek-molecular.com/>

STARK GmbH

Domicile: Straubing

Founding year: 2012

Business model: Developer and manufacturer of high-quality care products for a wide range of applications, from static cloths for home use to complete care sets for cars, offices, apartments or bicycles.

Website: <https://stark-ps.de/>

Senzyme GmbH

Domicile: Troisdorf

Founding year: 2000

Business model: Biotechnology company that develops and produces specific active ingredients and additives for applications in the energetic and material use of plant biomass and in animal nutrition. The core competence is the production of technical enzymes with fungi by solid fermentation.

Website: <https://www.senzyme.de/>

Xell AG

Domicile: Bielefeld

Founding year: 2009

Business model: Xell AG provides highly efficient solutions in cell culture technology, including ultra-high-performance culture media and feeds and in-depth characterization of media components.

Website: <https://www.xell.ag/>

Susteen Technologies GmbH

Domicile: Sulzbach-Rosenberg

Founding year: 2016

Susteen Technologies offers solutions for the flexible recycling of organic residues. Using

Business model: the Thermo-Catalytic-Reforming technology developed by Susteen and Fraunhofer, Susteen's plants convert biomass waste into high-quality coal, gas and oil.
Website: <https://susteen-tech.com/de>

glyXera GmbH

Domicile: Magdeburg

Founding year: 2011

Business model: GlyXera is a Max Planck Society spin-off, specialized in high-throughput glycoanalysis. GlyXera provides fast and reliable glycoanalysis utilizing cutting edge systems with superior performance and capacity. It offers sophisticated technology platforms and expertise with respect to glycoanalytical services, tailored to the specific needs of academia, clinics, pharmaceutical and food industries.

Website: <https://www.glyxera.com/>

KKF UG

Domicile: Jena

Founding year: 2008

Business model: Development of synthetic and biosynthetic polymers; products include natural cellulose hydrogels and coating systems.

Website: <http://kkfpolymers.de/en/>

ELISA-Entwicklung GmbH & Co. KG

Domicile: Rheinbach

Founding year: 2009

Business model: Development of enzyme immune tests (EIA,ELISA) for proteins and other chemical compounds e.g. environmental markers, health markers, hormones and other blood proteins in humans, laboratory animals, domestic animals and in cell culture media.

Website: <http://www.elisa-entwicklung.com/>

PLATON Solutions GmbH

Domicile: Bremen

Founding year: 2014

Business model: PLATON Solutions offers consultancy services on the substitution process from conventional plastics to biobased plastics. The company guides customers in choosing the right plastic granulate, in the processing of plastic granulate up to the creation of the final product.

Website: <http://www.platon-solutions.com/>

ProTec Bioseparation UG & Co. KG

Domicile: Heidelberg

Founding year: 2014

Business model: ProTec Bioseparation specializes in the production of high-quality ampholytes for isoelectric focusing and custom-designed kits for the analysis of seed purity for maize and for variety testing of wheat.

Website: <http://www.protec-biosep.de/>

Cultex Technology GmbH

Domicile: Hannover

Founding year: 2007

Business model: Offers cultivation solutions for in vitro toxicology at the Air-Liquid Interface (ALI) and cell cultivation.
Website: <https://www.cultex-technology.com/>

F-Select GmbH

Domicile: München, Planegg
Founding year: 2015
Business model: Production and development of fluorinated pharmacological building blocks
Website: <https://f-select.de/>

TriOptoTec GmbH

Domicile: Regensburg
Founding year: 2010
Business model: DYPHOX® uses the photodynamic effect: ambient light is absorbed by a photosensitizer which activates aerial oxygen to reactive oxygen which kills microbes immediately. It continuously eliminates a wide range of microbes on surfaces when applied as thin antimicrobial coating. It also acts as a highly effective additional safety layer against transmission of microbes through surfaces. The antimicrobial effect can also be transferred into other materials (e.g. paint, elastomers, liquids, tissue) by implementing the photosensitizer as an additive into the designated product.
Website: <https://dyphox.com/>

MARAWE GmbH & Co. KG

Domicile: Regensburg
Founding year: 2015
Business model: Damp Proofing, Galvano Plating, Browning and Bluing
Website: <https://www.marawe.de/> ; <https://www.tobolin.de/>; <https://www.tifoo.de/>

WEE-Solve GmbH

Domicile: Mainz
Founding year: 2007
Business model: Service provider for rheological analysis of various samples, fractionation and purification of polymers, and further questions in the field of physico-chemical properties of polymers. WEE-Solve is a spin-off from the Johannes Gutenberg University of Mainz. A key technology of the company is the "Continuous Spin Fractionation". This patented method enables the separation of harmful contents from synthetic or biological polymers.
Website: <http://www.wee-solve.de/>

UroQuant GmbH

Domicile: Bad Abbach
Founding year: 2017
Business model: Based on protein biomarkers, UROQUANT developed a product for diagnosing bladder cancer directly from urine.
Website: <https://www.uroquant.com/>

TURBOMOLE GmbH

Domicile: Karlsruhe
Founding year: 2007
A spinoff of the University of Karlsruhe and the Karlsruhe Research Centre. The company

Business model: maintains and further develops the software programme Turbomole, which is one of the fastest and most stable codes available for standard quantum chemical applications. Unlike many other programs, the main focus in the development of TURBOMOLE has not been to implement all new methods and functionals, but to provide a fast and stable code which is able to treat molecules of industrial relevance at reasonable time and memory requirements.

Website: <http://turbomole-gmbh.com/>

Treemera GmbH

Domicile: Raubling

Founding year: 2017

Business model: Treemera has developed a highly efficient and economical process to manufacture furandicarboxylic acid (FDCA), the building block for high purity PEF.

Website: <https://www.treemera.com/>

Sirius Fine Chemicals SiChem GmbH

Domicile: Bremen

Founding year: 2001

Business model: Sirius Fine Chemicals SiChem synthesizes APIs for early stage (Toxicology) drug design. A special field of expertise is the preparation of biologically and pharmacologically active compounds with increased bioavailability (prodrugs). The company is one of the leading providers for inositol phosphates as well as a large variety of membranepereant and photoactivatable derivatives. Its portfolio has been supplemented by clickable unnatural amino acids and other useful tools for Click-Chemistry.

Website: <https://www.sichem.de/>

SiliXan GmbH

Domicile: Saarbrücken

Founding year: 2013

Business model: SiliXan is an innovation driver of the paint and lacquer industry and offers innovative silicon-based raw materials for the formulation of lacquer, paints and coatings, including the preparation of curable molding compounds and novel adhesives and sealants.

Website: <http://silixan.de/en/>

ScreenFect GmbH

Domicile: Eggenstein-Leopoldshafen

Founding year: 2012

Business model: ScreenFect was founded as the result of a successful interdisciplinary research collaboration at the Karlsruhe Institute of Technology (KIT), Germany. Innovative chemistry combined with biological expertise allowed the rapid transfer of technology from an academic setting to a commercial business. With new patented technologies ScreenFect continues to expand their repertoire of novel chemicals and reagents for the transfection of diverse cells.

Website: <https://www.screenfect.com/>

REACNOSTICS GmbH

Domicile: Hamburg

Founding year: 2017

Business model: REACNOSTICS is modeling, constructing and building chemical research reactors for the spatially resolved investigation of catalytic processes. The company's methodologies comprise simulations and operando measurements of concentration & temperature profiles in combination with spectroscopic catalyst characterization. By applying patented methods

we provide insight in catalytic reactors during time on stream required for knowledge based optimization.

Website: <https://www.reacnostics.com/>

Por-Lab, Porphyrin-Laboratories GmbH

Domicile: Scharbeutz

Founding year: 2015

Business model: Por-Lab, Porphyrin-Laboratories GmbH specializes in the synthesis of porphyrins or tetrapyrroles and similar compounds. The company is able to offer from its standard portfolio more than 500 porphyrins in quantities of 100 mg to the multi kg scale.

Website: <https://www.porphyrin-laboratories.com/>

PolyCare Research Technology GmbH & Co. KG

Domicile: Gehlberg

Founding year: 2010

Business model: Industrial research in the field of polymer concrete, including new raw materials, technologies and production processes, with the aim of developing new products ready for the market, particularly in the construction sector.

Website: <https://poly-care.de/>

Poly Terra Innovation GmbH

Domicile: Berlin

Founding year: 2011

Business model: Polyterra produces synthetic materials and products that keep the environment safe and enable business models for renewal. Departing from the prevailing consumption pattern of take, make, and dispose, the new materials and products contribute to sustainability without compromising product design and performance.

Website: <http://www.polyterra.com/>

perfluorence GmbH

Domicile: Kerpen

Founding year: 2013

Business model: Perfluorence is a spin-off of the Leibniz Institute for Polymer Research Dresden e. V. An entirely new generation of high-performance plastics and lubricants is the subject of this innovation, which chemically combines the additive polytetrafluoroethylene (PTFE) with plastics and lubricants. This makes it virtually impossible to separate the components.

Website: <http://www.perfluorence.de/>

ORSAtec GmbH

Domicile: Bobingen

Founding year: 2013

Business model: Development and production of IVD products in the field of microscopic glasses, staining reagents, as well as microscopy accessories.

Website: <http://www.o-kindler.de/>

NTC Nano Tech Coatings GmbH

Domicile: Tholey

Founding year: 2000

Development and production of highly effective surface coatings for industry and the

Business model: construction trade. Experts in the use of sol-gel based nanotechnology in modern product development. NTC products are in demand all over the world whenever there is a need for the highest level of durability and resilience in multi-functional high-tech coatings.

Website: <https://www.ntcgmbh.com/>

neoxid GmbH

Domicile: Neuss

Founding year: 2011

Business model: Based on a new research approach for the processing of oxides, we have developed sensors and burners that can be used in a wide range of applications and for innovative measurement. Our portfolio includes solutions, such as CO₂, O₂, VOC and humidity sensors under extreme conditions, as well as VOC Cleaner and CO₂ burner. In addition, our systems can be digitally read out, evaluated, networked and integrated into the Internet/Intranet (IoT).

Website: <https://www.neoxid.de/>

MIG Material Innovative Gesellschaft mbH

Domicile: Salzkotten

Founding year: 2001

Business model: Manufacturer of chromate reduction systems for construction chemicals and chemical products for other industrial applications.

Website: <https://mig-mbh.de/>

Mecadi GmbH

Domicile: Bexbach

Founding year: 2001

Business model: Service provider and manufacturer in the fields of permeation and functional polymers. The company focuses on services in the permeation field, from customer-specific measurements - with a wide-reaching spectrum of possible examining conditions - to offers for measuring cells or complete measuring equipment. The company combines know-how in the techniques of permeation rate measurement, macromolecular chemistry, biotechnology as well as membrane / plastic film technologies.

Website: <https://www.mecadi.com/de/>

NanoTag Biotechnologies GmbH

Domicile: Göttingen

Founding year: 2015

Business model: Based on biochemistry as well as quantitative super-resolution imaging technologies, the company's portfolio mainly focuses on single-domain antibody-based affinity reagents ("Tags") for biochemical and fluorescence-based applications.

Website: <https://nano-tag.com/>

Nanofluor GmbH

Domicile: Berlin

Founding year: 2010

Business model: Nanofluor is a spin-off founded in 2010 in cooperation with Humboldt-Innovation Ltd. and has the necessary know-how – based on a number of patents – to produce nanoscale metal fluorides in clear sol or homodisperse xerogels.

Website: <http://nanofluor.de/>

myPOLLS Biotec GmbH

Domicile: Konstanz

Founding year: 2014

Business model: myPOLLS Biotec is developing new generations of DNA polymerases for advanced and reliable applications e.g. in personalized medicine, pathogen detection, DNA and RNA diagnostics, forensics, and many more.

Website: <http://www.mypols.de/>

Lablicate GmbH

Domicile: Hamburg

Founding year: 2013

Business model: Lablicate is a scientific software development company specialized in analytical data processing and reporting, at present with the main focus on chromatography and mass spectrometry. In addition to its versatile and fully-fledged chromatography and mass spectrometry software OpenChrom®, Lablicate offers custom-made software solutions, which help to streamline chemical analysis or reporting workflows.

Website: <https://www.lablicate.com/>

Jackon Applications GmbH

Domicile: Wismar

Founding year: 2018

Business model: Jackon supplies EPS grades that offer unrivalled quality and consistency especially to the packaging and cool chain industry.

Website: <https://www.jackon.de/>

INVIGATE GmbH

Domicile: Jena

Founding year: 2005

Business model: INVIGATE is a biotech company that offers services for recombinant production of proteins involved in cell-cell communication (e.g. cytokines, growth factors and receptor domains). The company's expertise comprises expression, purification, optional modification and functional characterization of bioactive proteins using specifically designed bioassays.

Website: <http://www.invigate.com/>

InnoMat GmbH

Domicile: Teltow

Founding year: 2000

Business model: InnoMat develops innovative polymers and composites, including "pure" resins as well as semi-finished products like prepregs, core materials or sandwich panells. The company also works in the field of the development of components.

Website: <http://www.innomat-gmbh.de/>

i.GLUESYSTEMS GmbH

Domicile: Reichenbach an der Fils

Founding year: 2015

Business model: System seller and „problem solution partner“ by acquiring and developing individual glue solutions for customers' products. Based on glue fixing technology, out of a big selection of adaptation/fixing devices the correct system for the customer application in connection with the according adhesive is chosen. This includes the adaption of the geometry of the fixing element as well as the characteristics of the adhesives.

Website: <https://www.i-gluesystems.com/>

HTS Biochemie-Innovationen GmbH

Domicile: Hamburg

Founding year: 2012

Business model: HTS Biochemie - Innovationen specializes on creating unique chemical compounds for pharmaceutical, agricultural and biotechnology companies.

Website: <http://www.hts-biochemie.de/hts-en/>

GEMoaB Monoclonals GmbH

Domicile: Dresden

Founding year: 2011

Business model: Based on novel immunotherapeutic concepts GEMoaB developed an innovative approach using a modular system of bi-specific antibodies. Owing to this modular system, development times of new therapeutic drugs are considerably shortened. The technology enables the rapid generation of novel, efficient substances with limited side-effects.

Website: <http://www.gemoab.com/>

GATTAquant GmbH

Domicile: Hiltpoltstein

Founding year: 2014

Business model: GATTAquant GmbH is a spin-off company of the Technical University of Braunschweig in the field of super-resolution imaging. The company focuses on probes for fast, easy and precise quantification of super-resolution systems.

Website: <http://www.gattaquant.com/>

ecoCOAT GmbH

Domicile: Allershausen

Founding year: 2017

Business model: ecoCOAT develops new high-tech solutions for innovative products tailored to customer requirements. The company specialises in laying out metallic layers and applying them to almost all surfaces. The focus is on new functions without binders, chemistry or vacuum technology.

Website: <http://eco-coat.com/>

DeltaChem GmbH

Domicile: Münster

Founding year: 2015

Business model: DeltaChem offers a wide range of innovative specialty fertilizers, including nitrogen stabilized fertilizers, controlled release fertilizers, fertigation and foliar products, as well as biostimulants to name only a few. These growlutions enable us to make fertilization even more efficient – higher yields and better crop quality, more sustainable, and more environmentally friendly.

Website: <https://www.deltachem.de/>

CO2biomass UG

Domicile: München

Founding year: 2011

Business model: Engineering company that provides services in the field of CO2 deposit.

Website: <http://www.co2biomass.de/>

CGS Crop Genetic Systems UG

Domicile: Hamburg

Founding year: 2014

Business model: Crop Genetic Systems offers professional and reliable services in the field of biotechnology. The services are tailored to the specific requirements of the customers.

Website: <https://www.crop-genetic-systems.de/>

CeNano GmbH & Co. KG

Domicile: Dorfen

Founding year: 2003

Business model: CeNano develops and manufactures Nanotol, a high-tech coating on mechanical basis. Unlike chemical nano-coatings, Nanotol does not contain any harmful ingredients and is especially skin- and environment-friendly. Owing to its anti-static effect and the way it works, Nanotol goes beyond the well-known lotus effect, since Nanotol not only repels water, but also dust, grease, dirt and oil.

Website: <https://www.nanotol.de/> ; <https://www.cenano.de/>

CCT Composite Ceramic Technologies GmbH

Domicile: Stuttgart

Founding year: 2017

Business model: CCT refines surfaces with functional coatings for wear protection, friction coefficient increase, friction coefficient reduction and corrosion protection, develops tailor-made coating solutions in cooperation with customers and/or universities in its own state-of-the-art laboratory, in particular electroless nickel coating systems. In addition, systems for electroless nickel coating, dispersion coating and chemical deburring are planned and supplied.

Website: <https://www.cct-plating.com/>

candidum GmbH

Domicile: Stuttgart

Founding year: 2018

Business model: Candidum GmbH is a biotechnology company for the development of technical enzymes and the provision of bioinformatic services. Innovations in computational enzyme design allow to navigate nature's complexity and optimize variants to fit customers' needs.

Website: <https://www.candidum.net/>

Blue Resins GmbH

Domicile: Düren

Founding year: 2011

Business model: Develops, manufactures and distributes resins, additives and specialities for many different industries and applications. An expert team with long experience in research, development, production of such materials and knowledge of applications in different industries, e.g. the paint industry or composites, develops in cooperation with customers optimized and tailor-made products or problem solutions for special requests.

Website: <https://blueresins.de//>

AKS Coatings GmbH

Domicile: Altlußheim

Founding year: 2013
Business model: AKS Coatings applies polymersilicate technology for various applications in the field of coatings. Products include Polymer Silicate Surface Protection Coatings, Sealing Plug Mortar and Repairmortar for damp areas.
Website: <https://www.aks-coatings.de/>

Adhesive Polymers International GmbH & Co. KG

Domicile: Nördlingen
Founding year: 2014
Business model: Manufacturer of environmentally friendly, solvent-free adhesives and primers, supplies solvent-oriented, ready-to-use pressure-sensitive and laminating adhesives, corrosion protection systems and pressure-sensitive primers for applications in automobile manufacturing, industry and construction.
Website: <https://adhesive-polymers.com/>

TissUse GmbH

Domicile: Berlin
Founding year: 2010
Business model: TissUse developed a unique "Multi-Organ-Chip" platform that provides preclinical insight on the systemic level using human tissue. This enabling technology platform consists of a miniaturized construct that closely simulates the activity of multiple human organs in their true physiological context. TissUse's Multi-Organ-Chips provide a completely new approach to predict, for example, toxicity, ADME profiles and efficacy in vitro, reducing and replacing laboratory animal testing and streamlining human clinical trials.
Website: <https://www.tissuse.com/en/>

REC Reliable Engineering Concepts GmbH

Domicile: Stuttgart
Founding year: 2013
Business model: REC advises, engineers and supplies technology among the production of sustainable biodiesel. Based on close contacts to the chemical industry, REC aims at helping inventors to bring new innovative chemical processes to the market.
Website: <https://www.r-e-c-gmbh.de/>

neomicra GmbH

Domicile: Erlangen
Founding year: 2016
Business model: Neomicra offers novel, high-quality electron beam lithography systems with advanced features like grayscale lithography or proximity effect.
Website: <https://www.neomicra.de/>

nano analytik GmbH

Domicile: Ilmenau
Founding year: 2010
Business model: Nano analytik is a spin-off of the Ilmenau University of Technology and aims to simplify the nano analytics, while enabling new groundbreaking research. Its core competence is in the field of sensors, microsystem technologies and electronics. In the field of sensor technology, a main activity is the development and production of MEMS-based nano-analytical systems that can be used for power, position, flow, mass and heat detection.
Website: <https://www.nanoanalytik.net/>

Lynatox GmbH

Domicile: Ohrdruf
Founding year: 2016
Business model: Development, production and marketing of equipment, processes and technologies for the reduction of anthropogenic trace substances from liquids and gases, in particular equipment, processes and technologies based on applied photocatalysis or electrolysis.
Website: <http://www.lynatox.de/>

Bionic Laboratories BLG GmbH

Domicile: Eppertshausen
Founding year: 2011
Business model: Bionic is a global leader in commercial microwave applications for energy conversion technologies. Feedstock like biomass, plastic waste, scrap tires as well as refinery residues are converted into high value raw materials. In Bionic's systems microwaves interact with high-tech catalysts for the production of oil and char fractions usable not only as renewable energy sources but also as the base product for advanced materials of the future.
Website: <https://www.bionic-world.net/index.php/de/>

PDW Analytics GmbH

Domicile: Potsdam
Founding year: 2013
Business model: Process Analytical Technologies for the characterization of optical properties of highly concentrated turbid liquids and for the dilution-free particle size measurement in the nano- and micrometer size range. Execution of fundamental and applied research and development of physical and chemical methodologies for material characterization, including scientific instrumentation. Optical reference materials with defined absorption and scattering properties, e.g. for calibration of optical probes.
Website: <http://pdw-analytics.de/>

Enzymicals AG

Domicile: Greifswald
Founding year: 2009
Business model: Tailor Made Enzymes – Customized Chemicals – Individual Process Solutions. The focus of Enzymicals is to provide integrated solutions for biocatalytic applications. Enzymicals offers a recognized expertise in the application of enzymatic processes for the synthesis of complex chemicals up to industrial scale.
Website: <http://www.enzymicals.com/>

PixelBiotech GmbH

Domicile: Schriesheim
Founding year: 2018
Business model: PixelBiotech innovates core technologies for targeted and imaging-based genetic testing. Ranging from single molecule FISH probe to AI-powered quantitation service, the products and services are encapsulated into a unified platform for customers in academic and clinics.
Website: <https://www.pixelbiotech.com/>

Silicon Products Bitterfeld GmbH & Co. KG

Domicile: Bitterfel-Wolfen
Founding year: 2013

Business model: Consolidation of companies, which are specialised in the production of solar grade silicon, products derived from chlorosilanes and high-quality polysilicon. In this regard it also offers consulting services and engineering services.

Website: <http://www.silicon-products-gmbh.com/>

AnalytiCon Discovery GmbH

Domicile: Potsdam

Founding year: 2000

Business model: This company is specialists in natural product drug discovery. Their technologies ranges from biomass acquisition, extraction, fermentation, screening and computational and medicinal chemistry.

Website: <https://ac-discovery.com/>

SUPERSEVEN GmbH

Domicile: Berlin, Hamburg, Börsen

Founding year: 2017

Business model: Consulting services and manufacturer for biodegradable packaging materials based of cellophane.

Website: <https://www.superseven.eu>

SOTA SOLUTIONS GMBH

Domicile: Berlin

Founding year: 2012

Business model: SOTA solutions offers a individualised predicitive analysis and machine learning software for the chemical industry and energy sector.

Website: <http://www.somonic.com/startseite/>

Marquardt – Kleb-, Dicht- und Beschichtungsstoffe e.K.

Domicile: Potsdam

Founding year: 2004

Business model: As specialist for food grade tubes and exopside resin systems this company also offer contract research and contract analysis services.

Website: <http://www.marquardt-kdb.de>

JenaBatteries GmbH

Domicile: Jena

Founding year: 2012

Business model: Develops and distributes safe and scalable metal free redox-flow battery systems.

Website: <https://jenabatteries.com/>

Intrapore GmbH

Domicile: Essen, Leipzig

Founding year: 2015

Business model: Intrapore GmbH offers a innovative groundwater remediation solution based on micro- and nanoparticles.

Website: <http://intrapore.com/>

watttron GmbH

Domicile: Freital
Founding year: 2016
Business model: This company offers a greater material and energy efficiency solution for thermoformed packages.
Website: <https://watttron.de>

iGas energy GmbH

Domicile: Stolberg
Founding year: 2016
Business model: As part of the SK group, this company focus on circulatory economy (recycling of phosphorus from aqueous organic waste), renewable energies (conversion of energy into hydrogen) and innovative gas technology (plant engineering).
Website: <https://igas-energy.de/>

Weise Water GmbH

Domicile: Henningsdorf
Founding year: 2016
Business model: This company developed and distributes their solution for production of potable water. Their technology is based on membrane filtration and photocatalytic active nets, which is coated with TiO₂ nanoparticles.
Website: <http://www.weise-water.de/>

Made of Air GmbH

Domicile: Berlin
Founding year: 2016
Business model: Produces biomass carbon as a additive for materials used in construction, interiors, furniture and others.
Website: <http://www.madeofair.com/>

SeedForward GmbH

Domicile: Quakenbrück
Founding year: 2018
Business model: SeedForwards is a biotech company with the goal for a sustainable agriculture. Their first product "Freya" is a customisable seed coating made out of natural organic materials.
Website: <https://www.seedforward.de>

Commeo GmbH

Domicile: Wallenhorst
Founding year: 2014
Business model: Offers an energy storage solution based on Li-ion technology.
Website: <https://www.commeo.com>

ReVibe Energy

Domicile: Berlin
Founding year: 2019
Business model: ReVibe developed a sustainable power supply solution for industrial IoT-implementations. Their device renders cable and batteries unnecessary by harvesting vibrations and turn them into energy.

Website: <https://revibeenergy.com/>

Creapaper GmbH

Domicile: Hennef

Founding year: 2012

Business model: Development and production of primary fibres from grass for the paper and packaging industry.

Website: <http://www.graspapier.de>

Gensoric GmbH

Domicile: Rostock

Founding year: 2009

Business model: Their willpower energy® provides a CO2-to-methanol energy storage solution for private home owners. Their technology is based on CO2-capturing and electrochemical enzyme technology.

Website:

Variokan GbR

Domicile: Gießen

Founding year: 2016

Business model: VARIOKAN offers a energy self-sufficient sewer system, which adapts to the flow rate of the waste water.

Website: <https://www.variokan.de/>

Tec Move Innovation GmbH

Domicile: Overath

Founding year: 2014

Business model: Tec Move Innovation offers innovative high-tech materials with special functionalities and customized lamination solutions for textile, leather and seat manufacturers for the aviation, automotive and furniture industries. As a solution provider, Tec Move Innovation provides in addition to unique materials and combinations thereof also support to build prototypes for burn testing and serious production.

Website: <http://www.tecmove.biz>

Synthian Chemistry Ltd.

Domicile: Berlin

Founding year: 2018

Business model: Synthian Chemistry Ltd. offers a software solution to achieve a digitally connected laboratory. A unlimited number of analytical instruments can be integrated and the analysis is performed remotely. The evaluation can either be done on a PC or on a mobile device.

Website:

Sixonia Tech GmbH

Domicile: Dresden

Founding year: 2017

Business model: Sixonia Tech GmbH manufactures and markets a portfolio of large-flake, few-layer, electro-exfoliated graphenes (E-Graphenes) and formulations, tailored to integrate seamlessly into downstream processes. Compatibility, ease of use and high quality allow utilizing graphene's unique properties to create economically viable end-user value in the areas of

Website: electronics, composites, textiles, filters and other applications.
<https://sixonia-tech.de/>

HQS Quantum Simulations GmbH

Domicile: Karlsruhe
Founding year: 2017
Business model: HQS Quantum Simulations develops tailor-made quantum algorithms for the prediction of molecular properties for performance materials, chemicals and active ingredients of the agricultural and pharmaceutical industry.
Website: <https://quantumsimulations.de/>

Orontec GmbH & Co. KG

Domicile: Dortmund
Founding year: 2014
Business model: Consulting, process automation modeler, measuring device producer and digitalisation service provider for the paint and coatings industry. All products are aligned in order to improve productivity along our vision of "The Smart Paint Factory".
Website: <https://orontec.com>

Lipotype GmbH

Domicile: Dresden
Founding year: 2012
Business model: Lipotype offers lipidomics analysis for clinical researchers, pharma and biotech companies, food and cosmetics sector and academia.
Website: <https://www.lipotype.com/>

lifespın GmbH

Domicile: Regensburg
Founding year: 2017
Business model: lifespın GmbH provides NMR-services and automated NMR data analysis software.
Website: <http://www.lifespın.de>

Intelligent Data Analytics GmbH & Co. KG

Domicile: Frankfurt, Marburg, Hamburg
Founding year: 2017
Business model: Intelligent Data Analytics offers digitalisation solutions for automotive, finance, production, chemical, pharmaceutical and engineering sector.
Website: <https://www.ida-analytics.de>

ESy-Labs GmbH

Domicile: Regensburg
Founding year: 2018
Business model: Contract manufacturer for inorganic and organic chemicals using electrosynthesis.
Website: <https://www.esy-labs.de/>

Enzymaster Deutschland GmbH

Domicile: Düsseldorf; Ningbo (China)
Founding year: 2018

Business model: Specialist for enzymatic and microbial catalysis technologies.
Website: <http://www.enzymaster.com/eindex.asp>

CompraXX GmbH

Domicile: Brehna
Founding year: 2014
Business model: Contract compounding and contract analysis service provider for polymers, especially biopolymers.
Website: <http://www.compraxx.de/>

celares GmbH

Domicile: Berlin
Founding year: 2003
Business model: celares GmbH is a PEGylation expert and offers contract research and development for drug delivery systems.
Website: <https://www.celares.com>

CeraNovis GmbH

Domicile: Saarbrücken
Founding year: 2012
Business model: Specialist for ceramic non-stick and ceramic protective coatings.
Website: <https://www.ceranovis.com>

ItN Nanovations AG

Domicile: Saarbrücken; Ferlach (Austria); Le Bouget du Lac Cedex (France); Flintshire (UK); Shanghai (China); Florida (USA)
Founding year: 2000
Business model: This company offers water filtration systems based on nanotechnology for industry.
Website: <http://www.itn-nanovation.com>

Xeram GmbH

Domicile: Ludwigshafen
Founding year: 2003
Business model: Xeram produces components based on technical ceramics.
Website: <https://www.xeram.eu/>

Polymeric GmbH

Domicile: Berlin
Founding year: 1996
Business model: Polymeric develops and produces various polymeric materials with applications as special adhesives (i.e. high-temperature applications), flame inhibitor, blood purification and extracting active agents. In addition they offer contract analysis and research services regarding polymer.
Website: <https://polymeric.de/>

Schäfer Additivsysteme GmbH

Domicile: Ludwigshafen
Founding year: 2003

Business model: Equipment for additive manufacturing and chemicals provider for the chemicals processing industry.
Website: <https://www.schaefer-additivsysteme.de>

instrAction GmbH

Domicile: Mannheim
Founding year: 1997
Business model: Chromatography experts with the focus on providing the technology for hygienically flawless drinking water by utilising absorption resins.
Website: <http://www.instraction.com>

Merseburger Spezialchemikalien

Domicile: Schkopau
Founding year: 2003
Business model: Merseburger Spezialchemikalien develops and distributes metallorganic and elementorganic compounds.
Website: <http://www.merseburger-spezialchemikalien.de/>

hte GmbH

Domicile: Heidelberg
Founding year: 1999
Business model: At hte – the high throughput experimentation company, we make R&D in the area of catalysis faster and more productive. We enable cost-effective innovations and reduced time to market for new products, thereby allowing our customers in the energy & refining, chemical & petrochemical, and environmental industry to keep ahead of the competition. Our technology and services comprise R&D and technical solutions. For more information, visit our website.
Website: <https://www.hte-company.com>

Dartsch Scientific GmbH

Domicile: Schongau
Founding year: 2002
Business model: Consulting, contract research and contract analysis provider in the field of cellular biology.
Website: <https://www.dartsch-scientific.com>

cynora GmbH

Domicile: Bruchsal
Founding year: 2003
Business model: cynora GmbH develops highly efficient TADF OLED emitting materials, which are used in OLED displays.
Website: <https://www.cynora.com>

Dyomics GmbH

Domicile: Jena
Founding year: 1999
Business model: Producer and distributor of fluorescent dyes for bioanalytical and hightech applications.
Website: <https://dyomics.com/>

carbonauten GmbH

Domicile: Giengen, Eberswalde (pilot plant)
Founding year: 2017
Business model: Technology provider for the carbonisation of biomass and consequently producer for carbon. In addition they generate power from the heat waste.
Website: <https://www.carbonauten.com>

Sauberkasten

Domicile: Leipzig
Founding year: 2017
Business model: Provides a DIY cleaning agent and detergent set consisting of six household chemicals and ten recipes.
Website: <https://sauberkasten.com>

Solaga GmbH

Domicile: Berlin
Founding year: 2017
Business model: This biotechnological company develops and distributes microalgal products. Their proprietary technology offer a decentralised energy production by first turning carbon dioxide to glycolate with cyanobacteria and then turning glycolate into methane with different bacteria. In addition they are working on air purification (Alwe) and novel food projects.
Website: <https://www.solaga.de/>

Nebuma GmbH

Domicile: Saarbrücken
Founding year: 2014
Business model: Nebumas product named Kraftblock is a scalable modular high density thermal energy storage. Their core technology is a uniquely designed ceramic-like material with a great combination of thermal conductivity and high specific capacity..
Website: <https://kraftblock.com/>

IONYS AG

Domicile: Karlsruhe
Founding year: 2008
Business model: IONYS AG, a construction materials specialist, developed a hydrophobing gel for concrete structures to delay renovation.
Website: <http://www.ionys.de/>

Neuway Pharma GmbH

Domicile: Bonn
Founding year: 2014
Business model: Neuway developed an engineered protein capsule as a central nerve system drug delivery platform. Encapsulated compounds are able to cross the blood-brain barrier.
Website: <http://www.neuway-pharma.com/>

Zellmechanik Dresden GmbH

Domicile: Dresden
Founding year: 2015

Business model: Development and distribution of a label-free analysis of mechanical properties of cells and other small particles for basic, clinical research and medicinal applications.
Website: <http://www.zellmechanik.com/>

Zellkraftwerk GmbH

Domicile: Leipzig
Founding year: 2014
Business model: Zellkraftwerk GmbH are experts for high-content cytometry on cells and tissues.
Website: <http://www.zellkraftwerk.com/>

XENOPS Chemicals GmbH & Co. KG

Domicile: Monheim
Founding year: 2016
Business model: Global-operating sourcer for new intermediates, new raw materials and reserve supply sources for chemicals with a network of custom manufacturer at their disposal.
Website: <http://www.xenopschemicals.com/>

Wind to Gas Energy GmbH & Co. KG

Domicile: Brunsbüttel
Founding year: 2015
Business model: This company develops a power-2-go solutions.
Website: <https://www.w2g-energy.de/>

vasQlab

Domicile: Eggenstein-Leopoldshafen
Founding year: 2016
Business model: Developer of miniature organs on a chip system for usage in drug discovery without animal testing.
Website:

Transinsight GmbH

Domicile: Dresden
Founding year: 2005
Business model: Transinsight GmbH's semantic search technology "Enterprise Semantic Intelligence "(ESI) software platform is the foundation of the knowledge-based search engines for life sciences: www.Go3R.org and www.GoPubMed.com.
Website: <https://www.transinsight.com/>

Terralub GmbH

Domicile: Blaubeuren
Founding year: 2015
Business model: Development, licensing and distribution of ecological and non-toxic lubricants and chemical products.
Website: <http://www.terralub.de/>

herone GmbH

Domicile: Dresden

Founding year: 2018
Business model: Development and automated production of custom-made thermoplastic fibre composites.
Website: <https://herone.de/>

SYNOSTE Germany GmbH

Domicile: Düsseldorf
Founding year: 2013
Business model: Synoste provides a bone lengthening solution based on biocompatible shape memory alloys.
Website: <http://synoste.com/>

Subitec

Domicile: Stuttgart
Founding year: 2000
Business model: Subitec developed a photobioreactor for the cultivation of microalgae yielding materials, which is used in cosmetics, food supplements or feed additives.
Website: <https://subitec.com/de>

SpinDiag GmbH

Domicile: Freiburg im Breisgau
Founding year: 2016
Business model: A fast point-of-care solution for the detection of multi resistant bacteria based on PCR and fluorescence spectroscopy.
Website: <http://spindiag.de/>

Smarterials Technology GmbH

Domicile: Berlin
Founding year: 2016
Business model: Development, production and distribution of safety-optimised surgical gloves based on surface modification of latex composites.
Website: <https://smarterials.berlin/de/smarterials-technology/>

SIRION BIOTECH GmbH

Domicile: Planegg/Martinsried; Cambridge (MA, USA), Tokyo (Japan), South Korea, Tel Aviv (Israel)
Founding year: 2005
Business model: Offers a broad portfolio of tailor-made viral vectors and project management services.
Website: <https://www.sirion-biotech.com/>

Rubitherm Technologies GmbH

Domicile: Berlin
Founding year: 2002
Business model: Developer and distributor of phase change materials (PCM) for their applications as heat accumulators, which can be utilised in various fields.
Website: <http://www.rubitherm.com/>

PHYTOLINC

Domicile: Köln
Founding year: 2019

Business model: B2B modular microalgae cultivation systems in combination with fish farms.
Website: <http://www.phytoinc.com/>

PEPperPRINT GmbH

Domicile: Heidelberg
Founding year: 2001
Business model: Developer and distributor of laser peptide printed high density peptide microarrays for drug discovery.
Website: <https://www.pepperprint.com/>

Packwise GmbH

Domicile: Dresden
Founding year: 2017
Business model: Packwise IIoT solution "Packwise Smart Cap" is a plug & play device that tracks the location and fill level of Intermediate Bulk Containers (IBC). Insights into the customer's consumption status open up completely new possibilities for companies in the chemical and food industries in production planning and business model design. Packwise promotes the sustainable use of containers and enables companies to significantly reduce their container fleet.
Website: <https://packwise.de/>

OakLabs GmbH

Domicile: Henningsdorf
Founding year: 2011
Business model: OakLabs GmbH is a service research provider combining computer modeling processes and experimentation in the field of biomarker discovery, gene expression analysis, advanced biocomputing and software development.
Website: <http://www.oak-labs.com/>

Natural Dental Implants AG

Domicile: Berlin
Founding year: 2006
Business model: Natural Dental Implants offers realistic reproduction of your natural teeth as a replacement of third teeth without drilling.
Website: <https://www.replicatetooth.com/de>

Nano4Imaging GmbH

Domicile: Düsseldorf, Geleen (Netherlands)
Founding year: 2011
Business model: MedTech-company, which focuses on nano-based contrast agents and devices for magnetic resonance imaging (MRI).
Website: <http://www.nano4imaging.com/>

multiBIND biotec GmbH

Domicile: Köln
Founding year: 2005
Business model: Decontamination and disinfection specialist. Their key product bioDECONT is water-based. They also provide bioactive surfaces based on silver.
Website: <http://www.multibind.de/de/>

Medovent GmbH

Domicile: Mainz
Founding year: 2006
Business model: Medovent develops and sells biocompatible chitin- and chitosan-based medical products. Reaxon® Nerve Guide and Reaxon® Direct are currently there only products.
Website: <http://www.medovent.com/>

m2p-labs GmbH

Domicile: Baesweiler, Hauppauge (USA), Hong Kong
Founding year: 2005
Business model: m2p-labs GmbH develops and offers automated high-throughput solutions for fermentation and for screening and bioprocess development.
Website: <https://www.m2p-labs.com/>

enOware GmbH

Domicile: Karlsruhe
Founding year: 2014
Business model: This company provides sensor systems for liquid mediums (pipeline system monitoring, geothermal heat monitoring or environmental monitoring), its electronic components and contract research services for prototypes.
Website: <http://www.enoware.de/>

eddyson

Domicile: Göttingen
Founding year: 2013
Business model: IT service provider for a B2B e-commerce software.
Website: [https:// www.eddyson.de](https://www.eddyson.de)

chembid GmbH

Domicile: Oldenburg
Founding year: 2016
Business model: Global search engine and market intelligence platform for chemicals. Offering market insights of the chemical market, product information and supplier data.
Website: <https://www.chembid.com/>

ZEDIRA GmbH

Domicile: Darmstadt
Founding year: 2007
Business model: Biotechnological company, which specialised in the treatment of celiac disease.
Website: <https://zedira.com/>

WPX Faserkeramik GmbH

Domicile: Troisdorf
Founding year: 2007
Business model: WPX Faserkeramik GmbH enables significant energy saving and quality improvement for industrial heat treatment by using oxide ceramic fibre composites Whipox®

Website: <https://www.wpx-faserkeramik.de/>

Variolytics GmbH

Domicile: Stuttgart
Founding year: 2019
Business model: Developer of real time mass spectrometers.
Website: <http://variolytics.com/>

Tilde Materials Informatics

Domicile: Berlin
Founding year: 2015
Business model: Service and contract research for materials science and computer science.
Website: <https://tilde.pro/>

Terrasystems GmbH

Domicile: Hünxe
Founding year: 2003
Business model: Terrasystems develops new processes for the construction industry and coatings for interior or exterior design.
Website: <https://terrasystem.de/de/>

Techpivot GmbH

Domicile: Berlin-Mitte
Founding year: 2016
Business model: Service and consulting company regarding industrial internet of the things (IIoT) for the pharmaceutical, biopharmaceutical, mobility and IT sector.
Website: <http://techpivot.eu/>

Taros Chemicals GmbH & Co. KG

Domicile: Dortmund
Founding year: 2004
Business model: Contract researcher and contract analysis services for the pharmaceutical, biotechnological and chemical industry utilising lab work, process chemistry and computational chemistry.
Website: <https://www.taros.de/>

SURAGUS GmbH

Domicile: Dresden
Founding year: 2010
Business model: SURAGUS GmbH develops and distributes a non-destructive analytical instruments based on eddy current technology. Their device is designed to analyse thin-film, carbon fibre, metal coatings and wafer-based systems.
Website: <https://www.suragus.com/de/>

sunfire GmbH

Domicile: Dresden
Founding year: 2010
Business model: Engineering company develops and distributes power-to-fuel or fuel-to-power solutions.

Website: <https://www.sunfire.de/de/>

SUMTEQ GmbH

Domicile: Köln

Founding year: 2014

Business model: First developer and distributor for high-performance insulation materials based on polystyrene foam with pores in the nanometre range.

Website: <http://sumteq.de/>

Sulfotools GmbH

Domicile: Darmstadt

Founding year: 2016

Business model: Sulfotools developed a solid phase peptide synthesis in water without organic solvents due to water soluble protecting groups. In addition, they offer a waste water treatment, in-line monitoring of the reaction progress and contract peptide production.

Website: <http://de.sulfotools.com/>

stimOS GmbH

Domicile: Konstanz

Founding year: 2015

Business model: stimOS GmbH functionalised implants with their mimicking bone technology (MBT) to reduce inflammation and to support bone in- and ongrowth.

Website: <http://www.stimos.net>

Somonic Solutions GmbH

Domicile: Dresden

Founding year: 2012

Business model: Somonic Solutions provides a real-time measuring technology for electroplating. Their process instrument dresor makes simultaneous measurements of coating thickness, deposition rate and current efficiency possible.

Website: <http://www.somonic.com/startseite/>

Siqens GmbH

Domicile: München

Founding year: 2012

Business model: Provides a quite, pollution-free and low-maintenance solution for off-grid energy supply based on their high temperature methanol fuel cell.

Website: <http://www.siqens.de/>

SenseUp GmbH

Domicile: Jülich

Founding year: 2015

Business model: SenseUp offers a high-performance analysis screening and recombineering (HTSR) of million of microbes to find the most efficient candidate for the biotechnological production of amino acids, proteins or enzymes. Their technology is based on cellular fluorescence marker, which is co-produced with the target compound.

Website: <http://www.senseup.de/>

ScienceDesk GmbH

Domicile: Freital
Founding year: 2017
Business model: ScienceDesk is research data management software provider for natural scientists and engineers.
Website: <https://www.sciencedesk.net/>

saperatec GmbH

Domicile: Bielefeld
Founding year: 2010
Business model: This company recycles composites by using separating fluids. Photovoltaics, packaging material, beverage cartons, lithium ion batteries and car glass are just some of their examples.
Website: <http://www.saperatec.de/>

Reaxon / Gety UG

Domicile: Oberhausen
Founding year: 2017
Business model: Contract research and contract manufacturer for optoelectronic materials and pharmaceuticals. In addition, they are developing an automated order process, where the buyer can choose the properties he wants and then gets molecule suggestions.
Website: <http://www.reaxon.eu/>

Quentic GmbH

Domicile: Berlin
Founding year: 2007
Business model: Web- or App-based software for work, environmental and sustainability management. The program assists in documentation, organisation and evaluation.
Website: <http://www.quentic.com>

Purenum GmbH

Domicile: Bremen
Founding year: 2017
Business model: Biocompatible adhesives. One application supports the removal of tiny kidney stones fragments after extracorporeal shockwave therapy or endoscopic laser treatment by selectively agglutinating them.
Website: <http://www.purenum.com/>

Precors GmbH

Domicile: Jülich
Founding year: 2017
Business model: Precors GmbH develops and distributes high-capacity fuel cells for the next step of e-mobility. The fuel cells are scalable and their key technology utilises carbon-based metallic bipolar plates, which are thin and light.
Website: <http://precors.de/>

Polymaterials AG

Domicile: Kaufbeuren, Leverkusen
Founding year: 1999

Business model: Contract researcher and manufacturer for polymers with industrial applications.
Website: <https://polymaterials.de/>

Plasmion GmbH

Domicile: Augsburg

Founding year: 2016

Business model: This company develops and distributes its ionisation technology built into mass spectrometers with a low acquisition, operating and maintenance cost. No noble gas is needed. Only electricity is consumed.

Website: <http://www.plasmion.de/>

Pinpools GmbH

Domicile: Haan

Founding year: 2017

Business model: B2B trading platform for chemicals.

Website: <https://de.pinpools.com/>

Phytowelt GreenTechnologies GmbH

Domicile: Nettetal

Founding year: 1998

Business model: Phytowelt GreenTechnologies GmbH provides affordable plant cultivation based on molecular biology and plant technology (fermentation, biotransformation and biosynthesis) for industrial applications.

Website: <http://www.phytowelt.com/>

PerformaNat GmbH

Domicile: Berlin

Founding year: 2015

Business model: Dairy cattle feed additive producer for a better utilisation of the feed and thus improved animal health.

Website: <https://performanat.de/>

Particular GmbH

Domicile: Burgdorf

Founding year: 2010

Business model: Particular GmbH produces nanomaterials by using a physical top-down approach. Starting from an submerged solid body the nanomaterials is produced by laser ablation.

Website: <https://particular.eu/>

otego GmbH

Domicile: Karlsruhe

Founding year: 2016

Business model: Developer of a cost effective production of thermoelectric generators (oTEG) based on a combination of organic and inorganic materials. Their goal is to achieve a maintenance-free autarkic energy supply for wireless sensor and actuators.

Website: <http://www.otego.de/>

OntoChem IT Solutions GmbH

Domicile: Halle (Saale)
Founding year: 2005

Business model: OntoChem GmbH is a software company, that offers software programs for digitalization in chemistry related data collection and data management solutions and graphical data presentation. focussing on chemistry, chemical reactions and related data.

Website: <http://www.ontochem.de/>

NUMAFERM GmbH

Domicile: Düsseldorf
Founding year: 2017
Business model: This biotechnological company produces antimicrobial and adhesive peptides.
Website: <http://numaferm.com/>

Notion Systems GmbH

Domicile: Schwetzingen
Founding year: 2012
Business model: Notion Systems GmbH develops and distributes equipment for automated high precision processes like additive manufacturing or printing. Their n.jet inkjet modular platform is used to print functional liquids like printing circuit boards, OLED, sensors or 3D parts.
Website: <https://www.notion-systems.com/startseite.html>

NANO-X GmbH

Domicile: Saarbrücken-Güdingen
Founding year: 1999
Business model: In combination with consulting services, NANO-X GmbH develops, produces chemical substances for surface functionalisation based on nanotechnology.
Website: <https://www.nano-x.com/>

NanoWired GmbH

Domicile: Gernsheim
Founding year: 2016
Business model: NanoWired GmbH uses a galvanic process to make cheap nanowire onto component part, which can be connected at room temperature simply by pressing them together (metallic KlettWelding). The resulting construct shows excellent mechanical stability, thermal and electrical conductivity.
Website: <http://nanowired.de/>

Nanoscribe GmbH

Domicile: Eggstein-Leopoldshafen; Stutensee; Shanghai (China)
Founding year: 2007
Business model: Developer and distributor of high precision 3D laser printer for micro production based on two-photon polymerisation.
Website: <https://www.nanoscribe.de/en/>

nanoSaar AG

Domicile: Starnberg, Überherrn
Founding year: 2013
Business model: nanoSaar AG patented MJR® (MicroJet Reactor) technology enables the cost-effective and scalable production of emulsions, nano/micro particles and encapsulations.

Website: <https://www.nanosaar.de/>

Nanomatch GmbH

Domicile: Eggstein-Leopoldshafen

Founding year: 2014

Business model: Nanomatch GmbH offers a software and services for the virtual design for organic optoelectronic materials.

Website: <http://www.nanomatch.com/>

Nanogate SE

Domicile: Quierschied-Göttelborn

Founding year: 2002

Business model: As part of the Nanogate Group, Nanogate Industrial Systems is a specialist for concrete, ceramic, metal, plastic surface finishing.

Website: https://www.nanogate.de/de/nanogate_gruppe/nanogate_industrial_systems

Nano-Join GmbH

Domicile: Berlin

Founding year: 2015

Business model: Nano-Join GmbH provides sinter solution for optoelectronics, e-mobility and renewable energy. Their silver sintering paste enables electronic linkage but also the highest thermal conductivity.

Website: <https://www.nano-join.de/>

myStandards GmbH

Domicile: Kiel

Founding year: 2018

Business model: myStandards GmbH provides customisable reference materials for in situ analysis with laser ablation-inductively coupled plasma-mass spectroscopy (LA-ICP-MS). The reference materials are grounded to nanosize and pressed into pellets. Minerals, sulfides, ores, rocks and carbonates etc. can be processed.

Website: <https://www.my-standards.com/>

my-lab International GmbH

Domicile: Berlin

Founding year: 2015

Business model: my-lab International is service analysis provider for private or business clients. It used a large network of independent labs.

Website: <https://my-lab.com/>

MoKi Analytics GmbH

Domicile: Berlin

Founding year: 2017

Business model: Analysis service provider and supplier for the detection of microorganisms with fluorescence in situ hybridisation (FISH) via spectroscopical methods.

Website: <http://www.moki-analytics.com/>

mk2 Biotechnologies

Domicile: München
Founding year: 2017
Business model: mk2 Biotechnologies develops and produces custom-made, high purity peptides with chain lengths of 15-100+ amino acids. The production process is scalable and thus enables the applications of complex peptides in mass applications.
Website: <http://www.mk2.bio/>

MAGMENT UG

Domicile: Unterhaching
Founding year: 2015
Business model: MAGMENT UG produces customisable magnetisable concrete from magnetic waste for example wireless power transfer of moving vehicles.
Website: <http://www.magment.de/>

Lilian Labs GmbH

Domicile: Braunschweig
Founding year: 2016
Business model: Lilian Labs develops and distributes a compact hand-held meter for fast and precise analysis of the water quality. The measured data can be evaluated with a mobile app or software programme.
Website: <http://www.lilianlabs.com/>

Kessler ProData GmbH

Domicile: Reutlingen
Founding year: 2018
Business model: Kessler ProData GmbH achieves process optimisation for their customers by evaluating complex data structure in combination with optical spectroscopy.
Website: <http://www.kesslerprodata.de/>

Kemialytics GmbH

Domicile: Berlin
Founding year: 2016
Business model: For analytical chemist, Kemialytics offers a cloud computing supported data management in combination with digitisation of documents, literature search and evaluation. In addition, literature review reports regarding the customer's analytical problems are conducted.
Website: <https://kemialytics.com/>

JeNaCell GmbH

Domicile: Jena
Founding year: 2012
Business model: JeNaCell GmbH researches and develops nanocellulose by biotechnological methods. Applications can be found in medical, cosmetics, technology and pharmaceutical field.
Website: <http://www.jenacell.de/>

IRUBIS GmbH

Domicile: München
Founding year: 2017
IRUBIS GmbH supplies disposable sample carriers and component parts for (high-

Business model: throughput) ATR infrared spectroscopy. Recently IRUBIS also developed a bioreactor monitoring system based on MIR spectroscopy.

Website: <https://irubis.com/>

IRIS Biotech GmbH

Domicile: Marktredwitz

Founding year: 2001

Business model: IRIS Biotech supplies peptid-based reagents for the pharmaceutical research, analysis and applications in combination with custom synthesis.

Website: <http://www.iris-biotech.de/>

IPlytics GmbH

Domicile: Berlin

Founding year: 2014

Business model: Iplytics GmbH offers a smart big data tool for the intellectual property analysis.

Website: <https://www.iplytics.com/de/>

IoLiTec - Ionic Liquids Technologies GmbH

Domicile: Heilbronn

Founding year: 2003

Business model: IoLiTec offers a wide range of ionic liquids or nanomaterials. In addition it serves as a contract research and contract producer for ionic liquids.

Website: <https://iolitec.de/>

Ionera Technologies GmbH

Domicile: Freiburg im Breisgau

Founding year: 2014

Business model: Ionera Technologies GmbH develops and produces customisable multielectrode cavity array (MECA) chips as an universal chip platform for ion-conductance based analysis. In addition, nanopore and channel protein reconstitution kits and assays are also distributed.

Website: <http://www.ionera.de/>

Infrasolid GmbH

Domicile: Dresden

Founding year: 2017

Business model: Infrasolid GmbH develops, produces and markets powerful miniature high-temperature infrared sources for analytical devices and sensor manufacturer.

Website: <https://infrasolid.com/>

Ineratech GmbH

Domicile: Karlsruhe

Founding year: 2016

Business model: Ineratech GmbH covers planning, construction and services for compact reactor systems based on a modular principle. Their technology can be used for the chemical conversion of gases in the synthetic hydrocarbons and fuels.

Website: <http://ineratec.de/>

inca-fiber GmbH

Domicile: Chemnitz
Founding year: 2016
Business model: inca-fiber GmbH develops, produces and distributes metalised carbon fibres as a starting product in fibre-reinforced composites for mobility and renewable energy sector.
Website: <http://inca-fiber.de/>

i3 membrane GmbH

Domicile: Dresden, Hamburg
Founding year: 2013
Business model: i3 membrane GmbH is a separation technology provider. Their service combine ion technology with membran technology for the functionalisation of polymer membranes or metal surfaces for applications in industry, life science or medical products.
Website: <http://www.i3membrane.de/>

Hydrogenious Technologies GmbH

Domicile: Erlangen
Founding year: 2013
Business model: Hydrogenious Technologies offers a safe-handling solution for the hydrogen supply infrastructure by storing hydrogen in liquid.
Website: <https://www.hydrogenious.net/index.php/en/hydrogen-2-2/>

HSWmaterials GmbH

Domicile: Kevelaer
Founding year: 2017
Business model: HSWmaterials develops and produces customer-specific nanomaterials.
Website: <https://hswmaterials.de/>

Heliateck GmbH

Domicile: Dresden, Ulm
Founding year: 2006
Business model: Heliateck develops and produces organic photovoltaics with an efficiency of 13.2% for orginal equipment manufacturers in the building and automotive sector.
Website: <http://www.heliatek.com/>

GXC Coatings GmbH

Domicile: Goslar
Founding year: 2000
Business model: In combination with toll coating services GXC Coatings GmbH offers plastic, glass and metal surface modifications with antifog, scratch resistance and self-cleaning properties based on chemical nanotechnology.
Website: <https://gxc-coatings.de/index.php/de/>

GNA Biosolutions GmbH

Domicile: Martinsried
Founding year: 2010
Business model: GNA Biosolutions GmbH is a analytical instrument developer. Its core technology is called pulse controlled amplification (PCA), a noval nucleic acid detection technique. PCA is in principle a faster version of conventional polymerase chain ceaction (PCR).
Website: <http://www.gna-bio.com/>

Glyconic

Domicile: Hamburg
Founding year: 2014
Business model: Glyconic develops an enzyme-catalysed glycosylation of polyphenols producing natural rhamnosides or glucosides, which can be used in the nutraceutical or cosmeceutical sector.
Website: <http://www.glyconic.com/>

GelTouch Technologies

Domicile: Berlin
Founding year: 2017
Business model: GelTouch Technologies develops smart programmable surfaces based on thermoresponsive hydrogels. Those surfaces can transition from soft to stiff. In order to create and remove tactile buttons on demand.
Website: <http://www.geltouch.tech>

FreshDetect GmbH

Domicile: Pullach
Founding year: 2013
Business model: FreshDetect GmbH develops, produces and sells a compact hand-held analytical device for non-destructive detection of microbiological quality of meat even through transparent packaging. Their technology is based on fluorescence spectroscopy.
Website: <http://www.freshdetect.com/>

FoxBase GmbH

Domicile: Düsseldorf
Founding year: 2016
Business model: FoxBase GmbH develops and sells their "Digital Product Selector"-software as a tool for digital customer advisory service in the business-to-business segment.
Website: <https://www.foxbase.de/>

Ferroelectric Memory GmbH

Domicile: Dresden
Founding year: 2016
Business model: This company develops and produces CMOS-compatible ferroelectric field effect transistors, which can be used as efficient microcontrollers as an embedded nonvolatile memory solution.
Website: <https://ferroelectric-memory.com/>

Expertants GmbH

Domicile: Frankfurt am Main
Founding year: 2018
Business model: Contract research and development of products for life science, functional materials and high-tech medicinal devices, by involving additive manufacturing in combination with business development, training and consulting services for products, generic prototypes and concepts.
Website: <https://expertants.com/>

essentim GmbH

Domicile: München
Founding year: 2017
Business model: This company offers an easy to apply IT-solution for controlling, analysis and documentation of the complete laboratory process.
Website: <http://essentim.com/>

Endotherm GmbH

Domicile: Saarbrücken
Founding year: 1999
Business model: Custom synthesis of small molecules on a laboratory scale for chemical, pharmaceutical and agricultural industry. Besides a diversified compound library this company products range include reference standards, building blocks, APIs and their impurities, fluorescent probes, natural products, metabolites and flame protection coatings .
Website: <http://www.endotherm.de/>

Electrochaea GmbH

Domicile: Planegg, Dänemark
Founding year: 2014
Business model: This biotechnological company offers a two-step power-to-methane solution for utility-scale energy storage, grid balancing and carbon dioxide recycling. Their technology is based on a selectively cultivated microorganisms called methanogenic archaea, which produces natural gas from industrial or biogenic carbon dioxide and renewable hydrogen from electrolysis. This biogas can be injected into natural gas net.
Website: <http://www.electrochaea.com/>

MONKEY WORKS GmbH

Domicile: Dresden
Founding year: 2013
Business model: Consulting service, software and hardware provider regarding industrial apps and IoT solutions.
Website: <https://www.monkey-works.de/>

Ecoatech GmbH

Domicile: Augsburg
Founding year: 2008
Business model: This company offers ecological flame retardants, which are biodegradable. The products are based on phosphorous and nitrogen and provide flame protection in various industries such as Textile, Paper, Wood, Composites or Plastics. The products are salt-free, halogen-free and metal-oxide free and can be used in combination with organic components and dispersions.
Website: <http://www.ecoatech.com/de/>

eADMET GmbH (early&electronic ADMET)

Domicile: Garching
Founding year: 2010
Business model: eADMET GmbH offers IT-solution and consulting services to predict the physical and ADME/-Tox-properties of chemicals or drugs.
Website: <http://www.eadmet.com/>

Dynamic Biosensors GmbH

Domicile: Planegg, San Diago (USA), Betchton (UK), Cheshire (UK), Tokyo (Japan), Singapore
Founding year: 2012
Business model: Dynamic Biosensors GmbH offers a patented dynamic analysis system called switchSENSE®. Their system provides unique insights into protein characterisation and dynamic interaction between proteins and potential active pharmaceutical ingredients.
Website: <http://www.dynamic-biosensors.com/>

DyNAbind GmbH

Domicile: Dresden
Founding year: 2017
Business model: DyNAbind GmbH is a start-up company from Dresden, which offers partnership and solution for pharmaceutical industry. Their dynamic DNA-Encoded Library (D-DEL) technology enables a faster drug discovery.
Website: <http://dynabind.com/>

dimensio informatics GmbH

Domicile: Chemnitz
Founding year: 2010
Business model: Analysis and optimisation of database applications. Their key product DIMENSIO Power Application accelerate database queries.
Website: <http://www.dimensio-informatics.com/>

DexLeChem GmbH

Domicile: Berlin
Founding year: 2013
Business model: Process engineering experts/contract researcher for homogeneous catalysis for asymmetric hydrogenation or cross-coupling reactions by applying the principles of green chemistry. They use water-base solvent mixtures.
Website: <http://www.dexlechem.com/>

denovoMATRIX GmbH

Domicile: Dresden
Founding year: 2018
Business model: denovoMatrix offers new biomaterials as cell culture carrier, which can be modulated to fit the life scientist's requirements. These biomimetic matrices are used to recreate the suitable biological environment.
Website: <http://www.denovomatrix.com/>

Dendropharm GmbH

Domicile: Berlin
Founding year: 2013
Business model: This company develops and produces dendritic nanocarrier for the selective transportation of APIs to tumors and inflamed tissue.
Website: <http://www.dendropharm.de/technology.html>

Data Virtuality GmbH

Domicile: Frankfurt am Main, Leipzig, San Francisco (USA), Sacramento (USA)

Founding year: 2012
Business model: IT company, who provides a software platform to connect and manage data by utilising automated ETL processes (Extract, Transform, Load).
Website: <https://datavirtuality.de/>

Cysal GmbH

Domicile: Münster
Founding year: 2012
Business model: Cysal GmbH develops, optimises and licenses novel industrial fermentation and production by utilising microbial metabolic diversity. Current focus is the biotechnological production of biopolymer and low-molecular weight compounds such as dipeptides.
Website: <http://www.cysal.de/>

CRONIMET Envirotec GmbH

Domicile: Bitterfeld-Wolfen
Founding year: 2009
Business model: As part of the CRONIMET group Cronimet Envirotec GmbH specialised in the recycling of waste sludges containing metals and oil by utilising vacuum distillation.
Website: <https://www.cronimet-envirotec.com/>

CreativeQuantum GmbH

Domicile: Berlin
Founding year: 2010
Business model: Contract research provider utilising quantum chemical methods for the chemical and pharmaceutical industry.
Website: <http://www.creative-quantum.eu/de/start>

ConWeaver GmbH

Domicile: Darmstadt
Founding year: 2007
Business model: ConWeaver provides a linked data search and management software for automated integration of company information to achieve an easy-structured and fast access.
Website: <https://www.conweaver.com/>

Computomics GmbH

Domicile: Tübingen
Founding year: 2012
Business model: Computomics offers consulting services based on AI-supported data analysis of the genome for sequencing projects. Applications range from crop science, animal health, metagenomics to microbial genomics.
Website: <https://www.computomics.com/services.html>

Compositence GmbH

Domicile: Leonberg
Founding year: 2009
Business model: Compositence is a technology and software provider regarding fully-automated and cost-effective production of composite based on carbon, glass, other fibre types and supplier of tailored preforms for the automotive industry.
Website: <http://www.compositence.com/>

CompActive GmbH

Domicile: Neustadt, Kaiserslautern
Founding year: 2018
Business model: CompActive designs and produces an active hybrid composites, which combines fibre-reinforced plastics and shape memory alloys. The geometry change can be adjusted via temperature.
Website: <http://www.compactive.de/>

CNM Technologies GmbH

Domicile: Bielefeld
Founding year: 2011
Business model: Development, production and distribution of carbon-based nanomembranes.
Website: <http://www.cnm-technologies.com/>

ChiroBlock GmbH

Domicile: Bitterfeld-Wolfen
Founding year: 1999
Business model: ChiroBlock provides contract research and synthesis up to kg scale, e.g. of non-commercially available molecules for various industries - such as pharmaceuticals, specialty chemistry, cosmetics, crop protection, new materials, biotechnology and functional dyes..
Website: <https://www.chiroblock.de/>

CheMondis GmbH

Domicile: Köln
Founding year: 2016
Business model: A Lanxess startup that offers online B2B-marketplace for chemicals.
Website: <https://www.chemondis.com/>

ChemCon GmbH

Domicile: Freiburg
Founding year: 1997
Business model: Service provider for contract manufacturer and contract analysis under GMP requirements in addition with expertise in organic, inorganic and polymer chemistry.
Website: <https://www.chemcon.com/>

Cetelon Nanotechnik GmbH

Domicile: Eilenburg
Founding year: 2005
Business model: Cetelon Nanotechnik GmbH develops and produces conventional and nanomodified UV radiation-curing coating systems according to customer requirements.
Website: <http://www.cetelon-nanotechnik.de>

CCI Custom Cells Itzehoe GmbH

Domicile: Itzehoe
Founding year: 2012
Business model: Customer-specific energy storage based on lithium-battery-technology.

Website: <http://www.customcells.de/>

Carbon-Drive GmbH

Domicile: Weiterstadt

Founding year: 2016

Business model: Developing, engineering and production company for carbon fiber reinforced polymers used in the machine tool industry. Known CFRP-product is motor spindle.

Website: <https://www.carbon-drive.de/>

c.Lecta GmbH

Domicile: Leipzig

Founding year: 2004

Business model: c.Lecta is a biotech company, which creates enzymes that are used for the biotechnological production in the pharmaceutical, food and cosmetic industry.

Website: <http://www.c-lecta.com/>

intelligent fluids GmbH

Domicile: Leipzig

Founding year: 2006

Business model: Manufacturer of innovative cleaning fluids for microelectronics and industrial maintenance.

Website: <https://www.intelligent-fluids.com/de/>

Breeze Technologies UG

Domicile: Hamburg

Founding year: 2017

Business model: Breeze Technologies is an industry leader in modern air quality sensors, data and analytics. Our solutions can be used by environmental managers as an immission control system around industrial sites. A dense sensor network can reduce costs for immission monitoring and provide richer, real-time data. In case of suspicions for an emission event (= accident) sensor readings can be used to verify - potentially avoiding shutting down production lines and thereby saving huge potential costs.

Website: <http://www.breeze-technologies.de/>

BluCon Biotech GmbH

Domicile: Köln

Founding year: 2017

Business model: Process developer for the low-cost fermentation of L-lactic acid from cellulose waste materials, with the goal to increase the competitiveness of polylactic acid (PLA).

Website: <https://blucon-biotech.com/>

Black Magic GmbH

Domicile: Bitterfled-Wolfen

Founding year: 2017

Business model: Black Magic GmbH, a subsidiary of the Skeleton Technologies Group, is a research, development and production company for porous carbon. Porous carbon is integrated into ultra-capacitors, which can be used for energy storage, electro-mobility or industrial cranes.

Website:

bitop AG

Domicile: Dortmund
Founding year: 2000
Business model: bitop AG is a biotech company, that studies, develops and produces extremolytes, antistress molecules, which is essential for extremophilic microorganisms.
Website: <https://www.bitop.de/>

Bipolymer Systeme

Domicile: Düsseldorf
Founding year: 2017
Business model: Manufacturer of a new plastic material, which generates power through "waste" heat by mechanical means.
Website: <http://www.bipolymere.de/>

BIOspec GmbH

Domicile: Berlin
Founding year: 2016
Business model: BIOspec applies high-end LED technology for sophisticated applications in photochemistry or biocatalysis.
Website: <https://www.biospec.de/>

BioNukleo GmbH

Domicile: Berlin
Founding year: 2014
Business model: Customisable (chemo-)enzymatic synthesis of modified nucleosides in combination with contract research and high-throughput screening.
Website: <https://www.bionukleo.com/>

Bio-Lutions International AG

Domicile: Hamburg; Produktionsstätten in China und Bangalore (India); Zukunft Produktionsstätte in nordöstlich von Berlin und Thailand
Founding year: 2017
Business model: Production of packaging materials and material solutions based on natural biodegradable waste materials.
Website: <http://www.bio-lutions.com/>

BioEcho Life Sciences GmbH

Domicile: Köln
Founding year: 2016
Business model: DNA & RNA isolation kits & technologies; Custom-development projects (Point-of-Care, DNA/RNA workflow development & optimisation)
Website: <http://www.bioecho.de/>

Biametrics GmbH

Domicile: Tübingen
Founding year: 2007
Business model: Biametrics GmbH produces analytical instruments for the investigation of biomolecules. Kinetic and thermodynamic properties can be investigated with a high degree of accuracy

Website: <http://www.biometrics.com/> and reproducibility

Belyntic GmbH

Domicile: Berlin

Founding year: 2018

Business model: Provides purification and modification kits for biomolecules such as peptides and neoantigens utilizing PEC technology with cleavable linkers. In addition Belyntic offers cooperation projects for technology customization.

Website: <http://belyntic.com/>

Baseclick GmbH

Domicile: Neuried

Founding year: 2008

Business model: Labeling of nucleic acids with click chemistry and DNA-photography.

Website: <https://www.baseclick.eu/>

b.fab GmbH

Domicile: Dortmund, Potsdam

Founding year: 2018

Business model: b.fab GmbH is a biotech company, which focus on establishing a formate bioeconomy. Their starting point is the conversion of carbon dioxide and hydrogen into formate while using renewable energy sources.

Website: <http://www.bfab.bio/>

Augsburg Diamond Technology

Domicile: Augsburg

Founding year: 2015

Business model: Producers of extensive mono-crystal diamants using chemical vapor deposition (CVD) onto Ir/YSZ/Si-base substrates.

Website: <http://www.audiatec.de/>

ATG:biosynthetics GmbH

Domicile: Merzhausen

Founding year: 2001

Business model: Service provider for questions regarding synthetic biology.

Website: <https://www.atg-biosynthetics.com/>

Aspen Aerogels Germany GmbH

Domicile: Kehl, Freiburg, Northborough (USA), East Province (USA)

Founding year: 2005

Business model: Product development based on aerogels with application in oil- and gas sector, building, outdoor clothing, solar thermal energy, energy isolation.

Website: <http://www.aerogel.com/>

Arva Greentech GmbH

Domicile: Berlin, Zug (Switzerland), Kharkiv (Ukraine)

Founding year: 2017

Business model: Technology provider of processes and products for a fast and environmentally neutral degradation of hydrocarbons in contaminated soils, mud, ballast of the track and on surfaces.
Website: <https://arva-green.tech/>

aquila biolabs GmbH

Domicile: Baesweiler
Founding year: 2014
Business model: Developer of an innovative laboratory devices for the automated monitoring of bioprocesses in shake-flask fermentation.
Website: <http://www.aquila-biolabs.de/>

Applied Nano Surfaces

Domicile: Düsseldorf, Erkrath, Californien (USA), Uppsala (Sweden), Windsor (Canada)
Founding year: 2014
Business model: Experts in surface refinement of iron oder steel for the reduction of friction and abrasion.
Website: <http://appliednanosurfaces.com/>

APK AG

Domicile: Merseburg
Founding year: 2008
Business model: Production of re-granulates (LDPE, HDPE, PP, PA) from multi-layer packaging and mixed plastic waste.
Website: <https://www.apk-ag.de/>

AOM-Systems GmbH

Domicile: Darmstadt
Founding year: 2013
Business model: Producer of laser-based sensors for spray characterisation as a quality assurance measurements during manufacturing processes.
Website: <https://www.aom-systems.com/>

amynova polymers GmbH

Domicile: Bitterfeld-Wolfen; Leipzig
Founding year: 2000
Business model: Innovative process for the homogeneous modification of starch and flour. Those biopolymers have applications in the packaging industry or agriculture. Further applications in cosmetics, pharmaceutical sector, wood, building, metal coatings and glue are currently investigated.
Website: <http://www.amynova.com/>

akvola Technologies GmbH

Domicile: Berlin
Founding year: 2013
Business model: akvola designs and sells compact systems for industrial waste water treatment (100-800 m³/d) with their company-owned akvoFloat™ technology.
Website: <http://www.akvola.com/>

Agrolytix GmbH

Domicile: Erlangen
Founding year: 2010
Business model: Service provider for microencapsulation and micronisation for the agricultural sector and the cosmetics industry.
Website: <http://www.agrolytix.com/>

evoxx technologies GmbH

Domicile: Monheim am Rhein
Founding year: 2006
Business model: This subsidiary of Advanced Enzymes produces and develops enzymes, probiotics and carbohydrates by using biocatalysis in combination of consulting services for the chemical industry.
Website: <https://advancedenzymes.eu/company/>

Abberior GmbH

Domicile: Göttingen
Founding year: 2011
Business model: Fluorescence dyes and labels for high resolution microscopy i.e. STED, GSD, PALM, STORM, GSDIM, SIM und RESOLFT.
Website: <https://www.abberior.com/>

A+ Composites GmbH

Domicile: Weselberg
Founding year: 2015
Business model: A+ Composites produces a great variety of thermoplastic fiber-reinforced UD-Tapes with customized properties. The UD-Tapes are used in injection moulding, automated tape laying and gluing for further processing. Industries in focus are logistics, automotive and medicine. The goal is to make new product fields in the sector of lightweight materials possible.
Website: <https://aplus-composites.de/>

4Gene GmbH

Domicile: Langenpreising, Freising
Founding year: 2017
Business model: Development and production of naturally occurring or biotechnologically produced flavouring substances and scents.
Website: <http://www.4gene.de/>

3dTrust GmbH

Domicile: München, Toulouse (France)
Founding year: 2016
Business model: Security software for 3D printing.
Website: <https://3dtrust.de/>

5Analytics GmbH

Domicile: Köngen, Stuttgart, Düsseldorf
Founding year: 2016
Business model: Integration of artificial intelligence in business processes in combination with software and consulting services.

Website: <https://www.5analytics.com/>