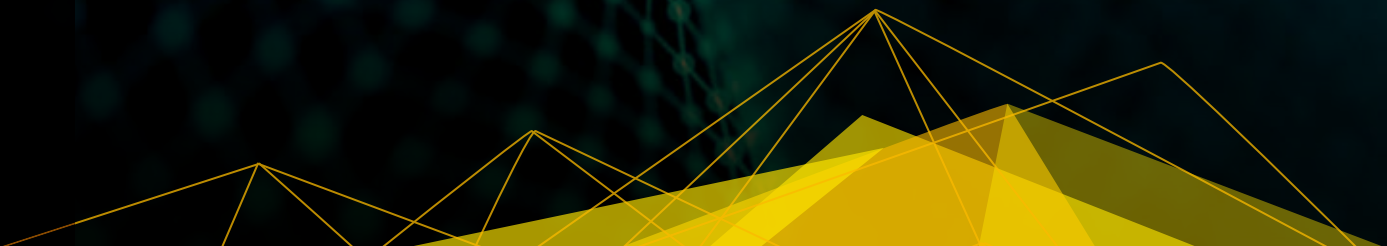


CENTERS OF EXCELLENCE

SAXONY-ANHALT



**HERE
business meets
science.**



Centers of Excellence Saxony-Anhalt



HERE future starts today.

Anyone who wants to help shape what happens tomorrow has to make decisions today. Saxony-Anhalt is leading the way into the future. At thirteen locations, well-established clusters of businesses and research institutions are setting the pace. At the Centers of Excellence, researchers and entrepreneurs are transforming bold ideas into market-ready innovations in fields such as new mobility, medical technology, bioeconomy and chemicals. The thirteen Centers of Excellence are the diamonds of Saxony-Anhalt and an initiative of the Investment and Marketing Corporation Saxony-Anhalt.

In recent years, the links between science and business have been expanded and built to last. This has given significant

momentum to the transfer of knowledge and technology. Carefully planned cluster management and ideal research structures provide the best possible conditions for both established companies and start-ups.

The region's historic roots in mechanical engineering and the chemical industry form a future-proof foundation and build bridges with sectors such as information technology and bioeconomy. Saxony-Anhalt is already playing a pioneering role in the field of new materials and substances based on renewable raw materials.

Start-ups, medium-sized enterprises and large international companies have already come to value the Centers of Excellence in Saxony-Anhalt – thirteen locations where the future is starting now.

center-of-excellence-saxony-anhalt.com





Thirteen locations with potential demonstrate that Saxony-Anhalt is creating significant momentum and that the state is already fully prepared for the challenges of tomorrow.

Saxony-Anhalt has one of the most concentrated research landscapes in Germany, a business community that thrives on experimentation and a range of adventurous start-ups. The networks that link together the worlds of business and research are responsible for the development of innovations that are successful on global markets.

There is a particular focus on industries such as chemicals, bioeconomy, new mobility and medical technology, which work closely together with universities, research institutions and clusters. In Saxony-Anhalt, the technology- and science-based companies in these industries find the conditions that they need to grow. Component manufacturers, research institutions, engineering consultants, tool and mold makers and IT service providers are working together in completely new ways to develop products. This is why these knowledge-based industries require an increasingly sophisticated environment. Future-proof business and industrial parks consist of much more than just a series of factory buildings.

The thirteen locations can demonstrate their readiness for the future in very special ways. One example is the Technology Park Weinberg Campus in Halle (Saale), which is the second largest technology park in eastern Germany. It was created 25 years ago on the site of a former military barracks and more than 250 companies have since become established there. The scientific institutes of Martin Luther University Halle-Wittenberg are also based at the Weinberg Campus. In addition, all the main industry-based research institutions such as the Fraunhofer-Gesellschaft, the Max Planck Society and the Helmholtz and Leibniz Associations are represented there. Alongside around 8,000 students, a total of 6,000 people work on the campus in businesses and research facilities.

Researchers and businesspeople also cooperate closely at the STIMULATE Research Campus in the state capital Magdeburg. There the focus is on the development of image-guided, minimally invasive surgical interventions. The campus has been established at the Science Port, where the warehouses of the former commercial port are being transformed into an urban center of innovation and knowledge transfer.

Specialists in Agro-Chemicals

AGRO-CHEMICAL PARK PIESTERITZ



Germany's only agro-chemical park is based in the Piesteritz district of the town of Wittenberg. The location, which lies at the interface between eastern and western Europe, is a hidden champion of international importance.

skwp.de/en

The central company at this traditional chemical site is Stickstoffwerke Piesteritz (SKW). The chemical company is Germany's largest producer of ammonia and urea and manufactures more than five million tonnes of industrial chemicals each year.

The research department of SKW Piesteritz employs more than 60 people. It has a 170-hectare research farm near Leipzig where results can be trialed as part of comparative studies. SKW Piesteritz is also the co-founder of the Agro-Chemical Institute in Lutherstadt Wittenberg, a joint project with Martin Luther University Halle-Wittenberg and the regional economic development agency. The research team at the institute is made up of professors from all the science faculties at the university and representatives of

companies from the Agro-Chemical Park and the Leibniz Institute of Plant Biochemistry.

More than 50 companies are currently located at the Agro-Chemical Park Piesteritz, including Borealis Agrolinz Melamine Deutschland GmbH, which has Germany's largest melamine plant. Louis Dreyfus Company from the Netherlands operates the world's largest combined biodiesel and oilseed crushing plant in Wittenberg and produces not only biodiesel and rapeseed oil from the seed grown by farmers in the region, but also glycerin and lecithin. Stadtwerke Leipzig GmbH, one of the largest municipal utility companies in Germany, has a state-of-the-art biomass combined heat and power plant at the Agro-Chemical Park. Another company with a presence there is Air Liquide GmbH, a world market leader in the field of gases, technologies and services for industry and healthcare, which manufactures liquid carbon dioxide at the site.

IN FIGURES:



TOTAL AREA (HECTARES):

220

REGISTRATION OF MORE THAN

100 Patents



JOBS:

2,500

Vaccinated For Growth

BIOPHARMAPARK DESSAU



IN FIGURES:



TOTAL AREA
(HECTARES):

136

8

START-UPS



JOBS:

2,200

biopharmapark.de

Vaccines have been developed and manufactured at this historic site in Dessau-Tornau for more than 100 years. Today the Biopharmapark Dessau is a well-established center of the pharmaceutical and biotechnology industries.

The park, which is located between Leipzig and Berlin, has an integrated network consisting of its infrastructure and services. The combination of expertise and an ideal infrastructure makes the location one of the most productive biopharmaceutical manufacturing clusters in Germany. The businesses that are based in the Biopharmapark Dessau have exceptional expertise in the production and packaging of pharmaceuticals, innovative vaccine technology, quality control and compliance, plus research and development.

The largest company at the site is IDT Biologika. This contract manufacturer provides biopharmaceutical companies with support in areas such as product development, manufacturing clinical test samples and commercial

production. The company, which was founded almost 100 years ago in Germany, has sites in both Germany and the USA.

Ceva Innovation Center GmbH at the Biopharmapark Dessau is one of 14 research facilities belonging to Ceva Santé Animale. The company focuses on the research, development, production and marketing of pharmaceutical products and vaccines for pets, poultry, ruminants and pigs. In 2019, Ceva Santé Animale took over the animal health division of IDT Biologika and has since continued its 25-year-old tradition of developing oral rabies vaccines.

The pharmaceutical company Merz has recently invested 40 million euros here in a filling facility and a multi-functional building. Merz has been producing aesthetic and neurological products at the Biopharmapark since 2002.

Oncotec has also been located at the site since it was founded in 1997. The company is a global manufacturer of cancer and autoimmune drugs and specializes in particular in developing and producing liquid cytostatics and freeze-drying them. ———

In the Pipeline to Success

CHEMICAL PARK BITTERFELD-WOLFEN

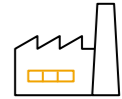


IN FIGURES:



TOTAL AREA
(HECTARES):

1,200



COMPANIES
ON SITE:

360



JOBS:

15,000

chemiepark.de/en/homepage/

The many companies at the Chemical Park Bitterfeld-Wolfen have created efficient and successful networks with the broad range of suppliers and service providers also based there.

Global players such as Bayer, Heraeus, Dow and Lanxess are located at the park, plus a selection of successful medium-sized businesses. In addition to manufacturers of basic, specialty and fine chemicals and pharmaceuticals, the location is home to companies that process alloys and plastics. The network for chemicals and the shared ultra-modern infrastructure ensure that the companies at the park have the ideal production conditions. Efficient materials networks, which use pipelines to transport industrial gases such as hydrogen, make the chemical sites in central Germany into future labs for the energy sector and the circular economy. Over 300 companies with more than 15,000 employees are based at the Bitterfeld-Wolfen and Sandersdorf-Brehna sites alone and represent a wide-ranging and

varied selection of suppliers, service providers and partners. The Technology and Start-Up Center functions as a runway for start-ups, which have the opportunity to plan the process of scaling up to full production at the site. Its location at the heart of the metropolitan region of central Germany, which has rapidly growing centers for science and research in Halle and Leipzig, and the region's excellent logistics links have also attracted international investors.

The history of the chemical site is characterized by inventiveness. Innovative products and efficient processes have been developed in Bitterfeld-Wolfen since 1893, generating added value and prosperity. Therefore, it is no surprise that the latest arrivals at the site in the field of solar and battery cell production will be launching a sustainable, carbon-neutral circular economy there. ———

Home to International Chemical Firms

CHEMICAL SITE LEUNA



IN FIGURES:



TOTAL AREA (HECTARES):

1,300



COMPANIES ON SITE:

100



JOBS:

12,000

Over the last 30 years, this historic chemical industry site has become a magnet for international chemical companies. The site not only offers a complex materials network, but also an excellent infrastructure.

infraleuna.de/en/

The attractiveness of Leuna is a clear indication that the park offers a highly competitive and comprehensive solution. This includes a well-established raw materials network, an excellent energy supply, short approval times and a ready availability of highly trained employees.

Leuna's rise to become one of the leading chemical sites

also represents one of InfraLeuna's successes. InfraLeuna is the operator of the site and has partners from the companies based there. It manages the infrastructure for the entire area. This allows the firms to concentrate fully on their core businesses and is one of the factors that has long been attracting companies from all over the world to the park.

Leuna has a very high ranking among the chemical sites in Europe. To ensure that this remains the case and to offer the companies in Leuna the ideal conditions for further growth over the years to come, InfraLeuna is continuing to invest in a comprehensive infrastructure and energy strategy. —

From Brown Coal to Green Chemistry

CHEMICAL AND INDUSTRIAL PARK ZEITZ



IN FIGURES:



TOTAL AREA (HECTARES):

230



COMPANIES ON SITE:

50



JOBS:

1,000

The Chemical and Industrial Park Zeitz has made a name for itself as a location for sustainable chemical production and offers ideal conditions for medium-sized enterprises and water-intensive industries in particular.

industriepark-zeitz.de/en

On the site, which is around 40 kilometers south of Leipzig, companies from China, Italy, Ukraine and the USA

are working in partnership with their German neighbors. One focus area is sustainable chemistry and this is why the park is a member of the bioeconomy cluster and the "Hypos" green hydrogen initiative. Radici Chimica has set up a new type of power plant to remove nitrous oxide, which causes damage to the climate, from the production process for adipic acid. Interstarch is converting wheat, a sustainable raw material, into industrial starch and Bioaffinerie Elsteraue GmbH is producing methane from maize. The Chemical and Industry Park Zeitz sets a good example of renewable energy generation by feeding solar power from a 5-megawatt photovoltaic system into the site's energy grid. The operator of the park, Infra-Zeitz Servicegesellschaft mbH, is certain that green chemicals

will have become well-established all over the world in just a few years and that the Zeitz site will continue to grow in importance.

One of the key international manufacturers of special waxes is Deurex.

The company invented round micronized waxes and has made a worldwide name for itself as an innovative pioneer. It has also been expanding another area of business since 2010: wax-based oil and chemical adsorbents with the brand name DEUREX Pure. In contrast to conventional products, these new substances retain only contaminants. Their hydrophobic structure ensures that they do not adsorb any water. The very large surface area of the products gives them an above-average absorption capacity of up to 6.5 times their own weight in contaminants. The company's third brand is DEUREX X. This is a range of natural sugar cane waxes that enable DEUREX customers to manufacture more sustainable and environmentally friendly products. —

Plastics Expertise

DOW VALUEPARK® SCHKOPAU AND BÖHLEN



The ValuePark® is the industrial park concept of Dow Olefinverbund GmbH and was established in 1998. The parks in Böhlen and Schkopau are mainly home to Dow's customers and suppliers, which has resulted in significant synergies.

[dow.de/valuepark](https://www.dow.de/valuepark)

A total of 27 companies from Germany and other countries are currently based in the ValuePark® and they make up a balanced mix of manufacturing and processing firms, primarily from the plastics and logistics industries and from research and technology service provision. The chemical park has an excellent infrastructure which allows the majority of products to be manufactured on site on a "just-in-time" basis, without the need for a raw materials warehouse. In addition, the sites in Schkopau and Böhlen have very good transport links. The most recent investment is the upgrading of the rail control center at the chemical park, which was completed in August 2020. The new fully electric control center gives the park a modern, efficient connection to the European rail freight network.

The ValuePark® provides services that are designed to meet the needs of the resident companies and potential investors. Supply and disposal services are offered and high-quality transport and logistics services are provided on site. In addition, a wide range of the Dow products and services that are produced locally are also available. As a result, the industry park has excellent conditions for investors who are interested in a long-term and cost-effective production site.

The material science company Dow manufactures plastics and specialty chemicals for packaging, hygiene products and the construction industry. Dow has had a presence in central Germany since 1995 and was one of the first international investors in the region. The Dow plants in Schkopau, Böhlen, Leuna and Teutschenthal are linked by a pipeline network that enables them to share basic chemicals and creates an integrated production site.

IN FIGURES:



TOTAL AREA (HECTARES):
600



COMPANIES ON SITE:
27



JOBS:
2,300
PLUS
1,000 INDIRECT JOBS

CENTERS OF EXCELLENCE IN SAXONY-ANHALT

A Leading Role in Medical Technology Research

RESEARCH CAMPUS STIMULATE MAGDEBURG



IN FIGURES:



230
SQUARE METERS OF LABORATORY SPACE WITH LARGE IMAGING MACHINES

35

PARTNERS



RESEARCHERS INVOLVED:
60

The name STIMULATE (Solution Centre for Image-Guided Local Therapies) reflects the new and innovative technologies used for image-guided, minimally invasive diagnostics and therapies in the field of medicine. Top-class research is carried out in ultra-modern laboratories based in a former warehouse at the Magdeburg Science Port.

[forschungscampus-stimulate.de](https://www.forschungscampus-stimulate.de)

Image-guided, minimally invasive procedures are particularly important in the treatment of tumors and vascular diseases and also of neurological conditions. This specialization is one of the key strengths of the Research Campus STIMULATE. The focus on application-based research reinforces the transfer process and connects businesses with research institutions. The excellent infrastructure allows targeted research in the field of interventional therapies to be carried out quickly and to be evaluated in realistic situations. One central area of research is oncology. An integrated high-tech operating theater is being set up which uses versatile MRI systems for minimally invasive diagnostics and treatment of tumors and metastases, in particular in the liver. During the project, individual treatments will be

transferred into the everyday clinical routine. In addition, the use of artificial intelligence, virtual reality and immunoprofiling will significantly improve the planning of therapies and the monitoring of imaging interventions.

As well as the varied research and development activities that take place at STIMULATE, it also provides scientific and practical training for doctors and medical technicians. In addition, the campus concept encourages interdisciplinary cooperation between doctors and engineers, which makes it possible to develop innovative medical technology products.

The Research Campus STIMULATE has also proved to be successful at transferring scientific findings into the world of business and establishing good conditions for spin-offs and company relocations. For example, the research campus supported the start-up Neoscan Solutions GmbH, which has developed an innovative MRI scanner for newborn babies.

INSIDER CENTERS OF EXCELLENCE

How accurately can the future be located?
Very accurately.

H E R E. In Saxony-Anhalt. Thirteen times. The state's innovation areas provide the progress, the advances and the innovative ability that everyone is talking about. This is the future. In an almost unparalleled symbiosis, international research institutes, major companies, prominent universities and young start-ups all interact with one another at these locations. Some of the peripherals that allow this to happen are completely new and highly impressive. The Centers of Excellence attract people who look to the future and enjoy living and working in a special environment.



13
CENTERS OF EXCELLENCE
1,000,000
POSSIBILITIES



DOW VALUEPARK®
SCHKOPAU

1,200 MILLION EUROS

has so far been invested in the park. With growing success. Six partner networks consisting of universities, industry associations and business clusters strengthen the park with their expertise and cooperation.



TECHNOLOGY PARK
WEINBERG CAMPUS

6,000

researchers and other employees work in the largest science and technology park in central Germany, which is now as big as a city district.

INSIDER



MMZ MIDDLE GERMAN MULTIMEDIA CENTRE

200

start-ups have begun life in the MMZ. It forms a genuine foundation for the creative and media sector of the state.

Truly popular

More than 3.6 million visitors who stay overnight here every year* can't be wrong. Almost 7,000 years of fascinating history and world-class cultural heritage put Saxony-Anhalt at the very heart of German and European history. Over 60% of our visitors rate their stay in the holiday destination of Saxony-Anhalt as "very good"**. The impressive UNESCO World Heritage Sites in Saxony-Anhalt are genuine highlights for visitors: the Luther memorials in Eisleben and Wittenberg, the Bauhaus and its buildings in Dessau, the Garden Kingdom of Dessau-Wörlitz, the castle and old town of Quedlinburg and Naumburg cathedral. The Nebra Sky Disc is part of the UNESCO Memory of the World program.
www.saxony-anhalt-tourism.eu

RESEARCH CAMPUS
STIMULATE

7 of nine research campuses from all over Germany selected as part of the "Research Campus – Public-Private Partnership for Innovation" funding initiative of the German Federal Ministry of Education and Research; for ambitious, long-term, high-quality research that brings together science and business. This is where the world center of medical technology research is developing.

CHEMICAL SITE
LEUNA



10

countries and 100 companies have a presence at this historic site and manufacture 12 million tonnes of goods every year. Further growth is inevitable.



The Competence Center for Plant Biotechnology

GREEN GATE GATERSLEBEN



IN FIGURES:

130

HECTARES OF RESEARCH FIELDS



JOBS:

700

13,500

SQUARE METERS OF GREENHOUSES

The Green Gate Gatersleben (GGG) is an initiative launched by companies and research facilities from the field of plant biotechnology and is based at the Research Campus Gatersleben.

green-gate-gatersleben.com

Gatersleben lies south of the Magdeburg Börde area in one of the most fertile agricultural landscapes in Germany. It is a center of plant breeding in

Europe. Plants form the basis for our lives. Research into their genetic and molecular features and the maintenance and more effective use of their diversity play a key role in enabling us to adapt plants to the needs of a growing global population and to changing uses and environmental conditions. This is where the work of the employees at the Green Gate Gatersleben begins.

The scientific center of the location is the Leibniz Institute of Plant Genetics and Crop Plant Research (IPK). Here more than 500 scientists from over 25 countries are working to identify the fundamental principles of the evolution, development and adaptation of major crop plants. With close links between world-class research and an ultra-modern research infrastructure for the molecular analysis and

recording of phenotypic properties, the institute is the only one of its kind in Europe. The institute is also responsible for the German federal ex situ gene bank, which makes an important contribution to maintaining biodiversity and making it more usable.

The establishment of spin-offs and the arrival of biotechnology companies at the Gatersleben site over recent years have transformed it into a modern and dynamic center of green biotechnology where large companies (such as BASF with its European wheat breeding center and SGS in the field of analyzing molecular markers in plants) work together with small and medium-sized enterprises. Depending on their areas of expertise, the partners in Green Gate Gatersleben provide contract research and services for the agricultural, pharmaceutical and chemical industries. These include breeding new varieties, plant tissue culture, high-tech analyses with molecular markers, literature screening, data mining and amino acid analyses. The Green Gate Gatersleben is the gateway for technology transfer from plant research to practical applications. —

In The Picture

THE MIDDLE GERMAN MULTIMEDIA CENTER IN HALLE (SAALE)



IN FIGURES:



OFFICE SPACE (SQUARE METERS):

6,500



JOBS:

130

500

STUDENTS

The Middle German Multimedia Center (MMZ) gives a powerful boost to the creative economy and to Saxony-Anhalt as a media location.

mmz-halle.de

The multimedia center brings together companies from the young, innovative and rapidly growing media industry. It is a melting pot for the creative economy. Production, communication, teaching, research and development are all activities that take place under the roof of the MMZ.

More than 200 start-ups have been launched in the modern building by the River Saale. But the MMZ does not only offer offices and event spaces for start-up founders. The center also has the ideal facilities for image and sound editing with ultra-modern studios for film and audio production available to hire. The highlight of the post-production studio is the Dolby Atmos Cinema Processor, which can be used for editing both sound and images. The Cinema Processor is accompanied by a color grading studio and an Atmos editing suite.

The Institute for Media and Communication Studies at Martin Luther University Halle-Wittenberg also makes use of these facilities. The MMZ is the campus for the 500 students in the department. This allows the department to lay the foundations for start-ups. At the same time, it is an important partner for companies looking for highly qualified staff.

The sound engineer Florian Marquardt is one of the tenants of the MMZ with his company Klangfee Media Sound, which specializes in mixing for cinema and TV, sound design, dialog editing and sound supervising. After taking a degree at the University of Film and Television in Potsdam-Babelsberg, Florian Marquardt founded Klangfee in 2004 and has been working on national and international productions ever since. Many web companies are also tenants of the MMZ. —

Driving The Future

OSTFALEN TECHNOLOGY PARK IN BARLEBEN



IN FIGURES:



TOTAL AREA
(HECTARES):

275



COMPANIES/
INSTITUTES:

140



JOBS:

2,300

The Magdeburg-Barleben region has developed into a center for new mobility over recent years.

tpo.de/en

The Ostfalen Technology Park in Barleben, on the doorstep of the state capital Magdeburg, is home to the Center for Electromobility and Energy Efficiency, where companies are developing integrated mobility services. Part of the Magdeburg Innovation and Start-Up Center is also located in Barleben and 80 companies with a total of around 450 employees are based there. In addition, the Institute for Competence in AutoMobility – IKAM GmbH, a joint venture set up by Otto von Guericke University Magdeburg and the Magdeburg Chamber of Industry and Commerce, is located in the region. The institute is involved with electric mobility, lightweight structures and powertrain, measurement and testing systems.

The Japanese company HORIBA FuelCon is currently setting up its center of excellence for fuel cells and batteries in Barleben and expanding its production facilities by constructing a new building at the site. HORIBA FuelCon is the world's leading supplier of test systems for batteries and fuel cells. By 2018, the company was doing the majority

of its business in Europe and producing test rigs for Volkswagen, Audi, BMW, Bosch and Airbus. The location also brings advantages for the company in terms of recruitment. Otto von Guericke University in Magdeburg has courses in process and mechanical engineering, information technology and electrical engineering which are precisely the subjects that are of interest to HORIBA FuelCon.

In future years, the state of Saxony-Anhalt intends to turn the Magdeburg-Barleben region into an electric mobility campus. The aim is to provide the impetus for automotive industry suppliers to make the structural changeover to electric mobility. A new Center for Method Development, which will be funded by the state, is also planned at Otto von Guericke University in Magdeburg. The CMD will set new standards for the development of powertrains and vehicles. The groundbreaking ceremony took place in July 2022 and, from 2023 onward, up to 50 engineers from different faculties will be working here on a cross-disciplinary basis to develop new virtual development methods and processes for the sustainability mobility solutions of the future. —

Breeding Ground

TECHNOLOGY PARK WEINBERG CAMPUS IN HALLE (SAALE)

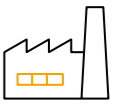


IN FIGURES:



TOTAL AREA
(HECTARES):

134



COMPANIES/
INSTITUTES:

100



JOBS:

6,000

The Technology Park Weinberg Campus is an innovation center for the life sciences, biomedicine and material sciences sectors in central Germany.

technologiepark-weinberg-campus.de/en

The technology park is the perfect combination of science and business and provides ideal conditions for the research facilities, institutions and companies based there. The Weinberg Campus is the largest technology park in central Germany. Biochemists, biotechnologists, material scientists and pharmaceutical, agricultural and nutrition scientists work side-by-side there. A number of prominent institutes and societies form the scientific basis for this work, including the Fraunhofer Institute for Microstructure of Materials and Systems, the Helmholtz Center for Environmental Research, the Leibniz Institute of Plant Biochemistry and the Max Planck Institute of Microstructure Physics. In addition, the science faculties of Martin Luther University Halle-Wittenberg and the university hospital are based on the campus.

The Technology and Start-Up Center (TGZ) plays a key role there. It acts as the interface between applied research, development and production and supports innovative

start-ups. More than 250 companies have already been set up in the TGZ. The Weinberg Campus Accelerator supports start-ups during their establishment and growth phases by providing workshops, coaching and access to networks. The specialist pharming company Icon Genetics, which forms part of the Japanese Denka Group, is currently planning to set up a production facility on the Weinberg Campus. Icon is one of the pioneers in the field of pharming, which involves producing biopharmaceuticals using plants. For example, tobacco plants are infected with viruses so that antibodies or vaccines gradually build up in their leaves. Icon Genetics is currently working on the world's first vaccine for norovirus. The company has already developed the technological basis for a cocktail of antibodies that can be used to treat patients with Ebola.

More than 100 life sciences and material sciences companies are currently based at the Technology Park Weinberg Campus, which is the ideal location for them to grow and flourish. —

An Anchorage for Science and Business

MAGDEBURG PORT OF SCIENCE



IN FIGURES:



TOTAL AREA
(HECTARES):

33



JOBS:

450

The old commercial port has been transformed into a center for innovation and knowledge transfer. The former warehouse buildings are now home to start-ups, with prestigious research institutions just next door.

wissenschaftshafen.de

The Denkfabrik ("Think Tank"), a former grain silo, has a floor area of more than 4,000 square meters and is home to a number of highly innovative businesses. One of them is tarakos, a company that develops planning software for production and logistics processes. The 3D software from tarakos can visualize the buildings planned by investors and businesses, from production plants through to logistics centers. The software has obvious benefits, such as more effective planning, improved productivity, greater safety and efficiency and lower energy costs. For this reason, the software building blocks are used not only by major companies such as BMW, Volkswagen, Ikea and Siemens, but also by many medium-sized businesses. During its development and implementation processes, tarakos works closely with the Computational Visualistics department of Magdeburg University and with the Fraunhofer Institute for Factory Operation and Automation IFF.

In Magdeburg's Port of Science a high-tech med-tech centre will be developed in the coming years. Going forward, the "transfer port transPORT" will be a place in Magdeburg where the four areas science, business, living and well-being will be closely interconnected and interrelated for the first time. —

A bioenergy hub surrounded by nature

IGPA ALTMARK INDUSTRIAL AND COMMERCIAL PARK

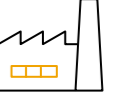


IN ZAHLEN:



TOTAL AREA
(HECTARES):

740



COMPANIES
ON SITE:

32



JOBS:

1.200

The chimneys of the pulp mill tower over the industrial park in the Altmark region in the north of Saxony-Anhalt and can be seen from miles away. These chimneys are a symbol of modern industry. High-quality industrial products and green energy are now produced at the huge site.

The pulp mill launched a new era. The area has always looked to the future and focused on energy production. More than 50 years ago, the government in the German Democratic Republic decided to build the country's largest nuclear power plant in the Altmark. The conditions were ideal for the development with large areas of land available, the river Elbe and its industrial port, a rail connection and the nearby Hanseatic town of Stendal which is home to a potential workforce and has a busy cultural scene. The power plant was never brought into operation, but the area continued to develop and is now a promising industrial and commercial location. Shortly after the last cooling towers of the power plant had been demolished, construction work began on the chimneys of the Mercer International Group plant. In 2004, the Canadian company opened one of the most modern pulp mills in the world. Now the

stadt-arneburg.de/ industrie-gewerbepark- altmark

600 employees at the plant produce up to 740,000 metric tons of pulp each year. In addition, the site is being developed to create a state-of-the-art biorefinery. At the industrial park in the Altmark, Mercer is already operating Germany's largest biomass power plant with an output of 148 megawatts and an extraction facility for turpentine and tall oil.

An independent future with green energy. The future concept for the site is that the entire park will have its own largely independent energy supply. The focus is on a networking approach, which is why a pilot hydrogen plant is already in operation at the park. Companies can also erect a wind turbine on their sites to generate their own electricity. The aim is for the businesses in the industrial park to supply each other with green energy. In the future, the manufacturing processes for all the products in the park will be as climate neutral as possible, with the help of a circular economy. All the 32 companies that have moved to the Altmark Industrial and Commercial Park now benefit from these factors. Any company that intends to base its production on green energy will find the ideal conditions in the Altmark. —



SACHSEN-ANHALT
Investment and Marketing
Corporation



**CENTER OF
EXCELLENCE**
SAXONY-ANHALT

INVEST IN SAXONY-ANHALT. HERE SERVICE IS PERSONAL.

INDUSTRIAL AREAS AND
LOCATION SERVICE



INTERNATIONAL
BUSINESS SERVICE



SUPPORT AND
FINANCING SERVICE



SERVICE FOR SKILLED
AND TALENTED STAFF



**CONTACT
US!**

**invest-in-saxony-
anhalt.com**

Publisher:

**Investment and Marketing Corporation
Saxony-Anhalt**
Am Alten Theater 6
39104 Magdeburg
Tel. +49 391 56899-0
www.invest-in-saxony-anhalt.com
welcome@img-sachsen-anhalt.de



Concept, text: Textbüro Wortschatz, Genthin /// **Design, graphics:** genese werbeagentur GmbH, Magdeburg /// **Editorial deadline:** October 11, 2023 /// 3rd edition; Subject to revision /// **Picture credits:** Archiv IMG, N. Böhme, H. Fechner, Dow Olefinverbund ValuePark®, A. Lander, M. Warmuth, Ostfalen Technology Park Barleben, T. Ziegler, Biocom, Chemical and Industry Park Zeitz, P. Kirschner, Biopharmapark Dessau, adobestock.com/romanb321, Research Campus Stimulate, IGPA Altmark Industrial and Commercial Park /// The use of this publication for the purposes of commercial sale, particularly the sale of addresses to third parties, or for reprinting – whether in whole or part – is prohibited.