



City of Leipzig
Economic Development Office

LEIPZIG MEANS BUSINESS 2017



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The City of Leipzig is harnessing its potential and demonstrating openness for alliances within the Metropolitan Region of Central Germany – to strengthen the location and ensure a successful future. In the 21st century, Leipzig's appearance, population and economic structure have developed by leaps and bounds.

Arrival in the European arena

Do you remember the atmosphere of curiosity and excitement when the 21st century arrived? That rare moment when one millennium came to an end and a new one began? That was just 17 years ago – yet look how rapidly Leipzig has developed in this comparatively short period!

Our traditional city of commerce and trade shows has been integrated into the global economic cycle by as many as four advanced, extraordinary facilities owned by global brands Porsche, BMW, DHL and Amazon. The cargo hub at Leipzig/Halle Airport combines and coordinates flows of goods, while at Leipzig's research institutes, endeavours for scientific excellence are augmented by consistent practical relevance. Above all, Leipzig is forging ahead as a growing city. Since the start of the new millennium, its population has risen by nearly 20%, more than any other German metropolis. With nearly 600,000 inhabitants, Leipzig is now well positioned among the top ten of the biggest and most esteemed cities in Germany. All sorts of people have come to join us. Passionate explorers in search of adventure, attracted by the ambience of this student city. Creatives in search of fulfilment in a colourful, cosmopolitan environment. And these days, it's predominantly people with bold strategies inspired by development visions who arrive in Leipzig to seize this opportunity. It's no wonder that Leipzig came second after Berlin in a startup ranking compiled in 2017 by Bürgschaftsbank zu Berlin-Brandenburg.

The density and variety of our urban environment is increasing. Contrary to expectations around the turn of the millennium, more and more of the gaps between buildings have now been filled. Skilled workers are more in demand than ever, and Leipzig has something special to offer them. Hard work meets quality of life, and results are combined with experience, benefiting both individuals and the population at large. What emerges from this is a network of new prospects and plans, refinement, value creation, urban culture, nature

conservation, pragmatism and cosmopolitanism. The city is characterized by an entrepreneurial spirit felt by local SMEs and major corporations, and supported by an experienced local authority which helps new citizens and new businesses to find their feet.

Leipzig's gaze is firmly fixed on the Champions League of comparable European cities. It's a level which RB Leipzig reached with sublime ease when they became runners-up in their first season in the Bundesliga. Hard work, self-confidence, skill and the affection of Leipzig's football-loving public have forged an extremely favourable alliance. But the city of Leipzig won't rest on its laurels either. We're driven by the certainty of success and the unbridled determination to compete with the very best. The city has been inspired by RB Leipzig's incredible rise. This feel-good factor is a source of dynamism – and those who feel attracted to it will be made most welcome in Leipzig, a growing city with ambitious plans.



A handwritten signature in black ink, which appears to read 'Burkhard Jung'.

Burkhard Jung
Mayor of the City of Leipzig

Thanks to its clear focus on cutting-edge technologies, one of the strengths of Leipzig's Office for Economic Development is that it has always provided a solid foundation for economic megatrends. The Digital Hub continues this success story at the forefront of technological progress.

Digital Hub keeps Leipzig moving

How far is it from the traditional manufacturing industries to the Digital Hub? In Leipzig, just a single generation. The structural change of the economy following the return to German unity has resulted in a wealth of transformation experience providing a solid basis for tackling new challenges.

Leipzig is a treasure trove for masterminds of economic developments. It's home to specialists who forged a new economic structure after 1990, management experts who regard their subject as not only an academic discipline but a source of commercial momentum, and a pragmatic, business-friendly economic development team.

This triangle of entrepreneurship, knowledge producers and public administration is a catalyst. CEOs without blinkers, academics outside ivory towers, and far-sighted economic development personnel are setting the course for further growth in Leipzig.

One of the main technological challenges in the coming years will be smart mobility. Who better than Leipzig is aware of the tasks involved? It's characterized by charm and the benefits of a European city which has evolved over centuries, and which finds new admirers every day.

The requirements to be met by powerful steering and control systems are set to substantially increase. This task could not be carried out without a reliable stock of data (while strictly observing all aspects of data privacy).

Digital hubs are the 'transshipment centres' of tomorrow. The material that they are expected to handle and deliver consists of vast quantities of data. The productivity of the Digital Hubs is the key to further economic muscle and future quality of life. For the City of Leipzig, it was therefore a clear, logical decision to apply for support as a Digital Hub. The decision was taken in April 2017 – and together with Dresden, the capital of the region of Saxony, Leipzig is to receive funding as a Digital Hub from the German Ministry for Economic Affairs and Energy. Leipzig's

application was submitted by the City of Leipzig, SpinLab Accelerator GmbH and the HHL Leipzig Graduate School of Management. As one of twelve German locations, Leipzig can now contribute its concentrated expertise as a Digital Hub, specifically in the field of smart mobility.

Just how swiftly the demands are changing is apparent from the fact that whereas twenty years ago, turning onto the data highway marked an advanced stage of development, nowadays economic competitiveness is doomed without extremely fast broadband. With its clear focus on the development of the Digital Hub, Leipzig is once again setting course for cutting-edge technology. This will benefit networked research and development institutions as well as enterprises.

For entrepreneurs interested in moving to Leipzig, numerous opportunities in the truest sense of the word to connect with future development are emerging. For solid information on all relevant areas of development, look no further than this new edition of 'Leipzig means business'.



Uwe Albrecht
Deputy Mayor of Economic Affairs and Employment



For more than a decade, Leipzig's rapid growth has astonished everyone, not just locals. Above all young families are moving here, attracted by new jobs in a wide range of innovative sectors. As a result, the economy now has a strong foundation, enabling the city to tackle additional challenges. New schools and preschool centres are being built, and a local transport plan devised for the next ten years will soon be put to the vote. Based on the extremely positive trends, a new forecast predicts that by 2030, the population will reach 720,000, placing Leipzig in Germany's handful of major cities.

Top position with a magnetic effect



Leipzig: Young and dynamic

Population up by 11,684 in 2016

The dynamic development of the population in recent years has continued. By 2016, 579,530 people were registered as having their main place of residence in Leipzig. In 2016, Leipzig's population grew largely due to people migrating to the city, the balance between arrivals and departures amounting to 13,193. The growth rates recorded in Leipzig are particularly high. According to regional departments of statistics, between 2006 and 2015 Leipzig's population rose more dynamically in proportional terms (153.1. persons per 1,000 inhabitants) than any other of Germany's 15 biggest cities, including Munich (117.4), Dresden (107.1) and Frankfurt (101.8).

Population expected to reach 722,000 by 2030

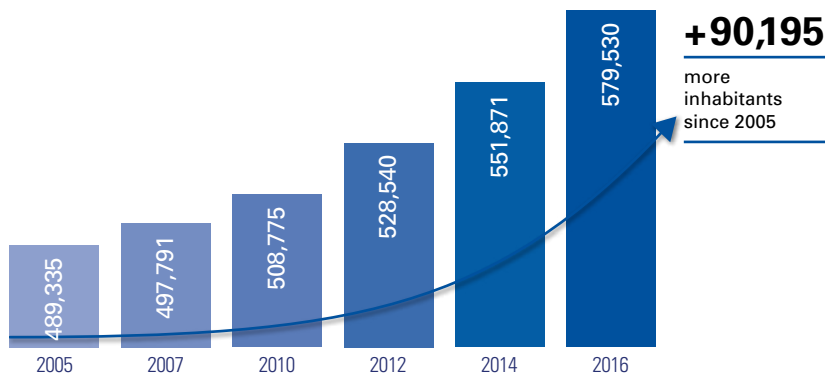
A number of population forecasts have been drawn up by the City of Leipzig. The medium scenario predicts the population to rise sharply by about 154,000 (+27%) to around 722,000 by the year 2030. The high scenario anticipates an increase to about 770,000, while the low one projects a more moderate population of nearly 674,000.

KOSIS App: Mobile district catalogue

The City of Leipzig is one of 24 German cities to take part in the KOSIS App. This joint project is an application enabling statistics which cover small areas and are broken down into various categories and time periods to be displayed on mobile devices like smartphones.

www.staedtestatistik.de/app.html

Population of Leipzig



Sources: Population Register, Saxon Department of Statistics. Figures apply to 31 December of each year.

Baby boom

For a while, the annual increases in population were solely due to a positive migration balance. Since 2014, however, a positive natural population change has been recorded for the first time since 1965. In 2016, for the third time in a row, there were more births than deaths, with 6,873 babies born in Leipzig, compared to 6,005 people passing away. This birth surplus is set to increase to between 1,300 and 1,700 annually by 2020. Leipzig expects over 7,000 babies to be born in 2017 – and more than 8,000 every year from 2021.

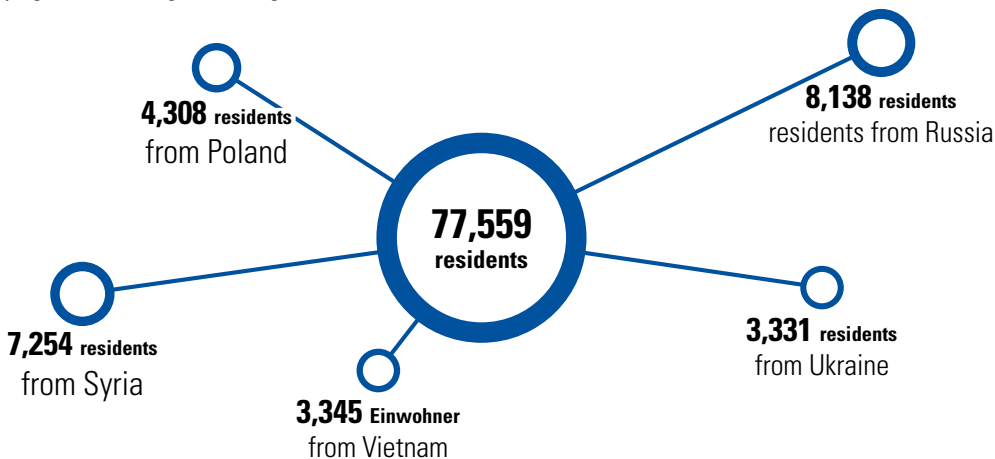


In 2016, 6,873 children were born in Leipzig.

Population within a radius of ...

- 40km/about 1.7 million
- 60km/about 2.8 million
- 100km/about 6.8 million
- 250km/about 28.6 million

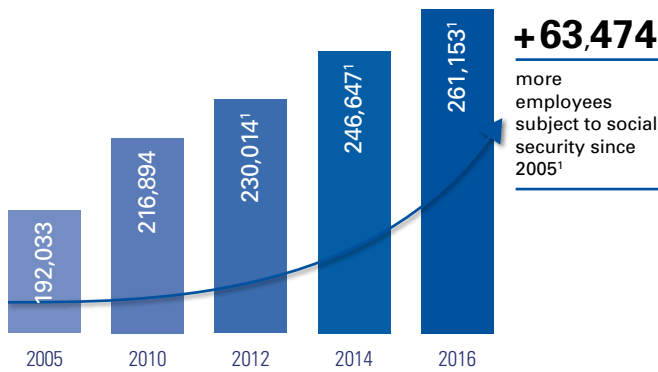
Leipzigers with a migrant background



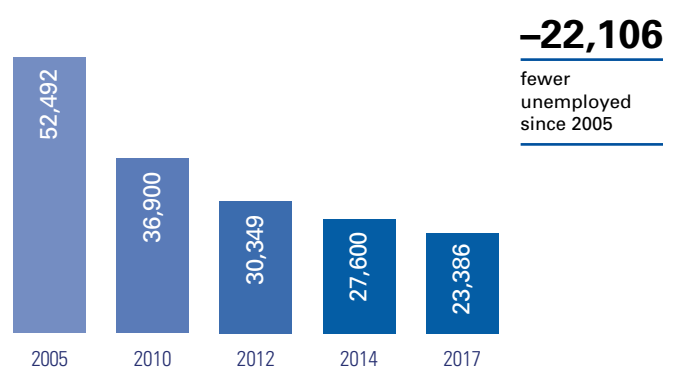
Source: Leipzig Office for Statistics and Elections

By the end of 2016, 77,559 Leipzigers (13.4% of the population) had a migrant background. In addition to 51,861 foreigners, 25,698 people with both German citizenship and a migrant background were registered in Leipzig. Data from the Leipzig Migrant Survey enables the different groups of migrants in Leipzig to be compared. Despite the differences, they all expressed a high degree of life satisfaction and an optimistic attitude.

Momentum of a high-growth region



¹ Due to a retroactive revision of employment statistics in August 2014, this data differs from previously published data.
Source: German Employment Agency. Figures apply to 31 December of each year.



Source: German Employment Agency. Figures apply to 30 July of each year.

SMEs: Backbone of the economy

As well as large companies with more than 250 employees, SMEs have also contributed to Leipzig's employment success over the past few years. About two thirds of all employees work for firms with fewer than 250 staff.



Private sector in central Germany upbeat

The continuing good economic development over the past twelve months is also apparent in the industrial sector in the core region of central Germany, which comprises the area covered by the Chambers of Industry and Commerce of Leipzig and Halle–Dessau. The robust economic development was not affected by the many global conflicts and the resulting insecurity. In fact, the regional business climate index rose slightly to nearly 82 points, a new record.

Very good state of business

Companies in central Germany can look back on successful commercial development in 2016. In particular, private consumption accounted for strong growth and equated to improved orders and growing turnover for many businesses. In spring 2017, too, half the companies rated their current business as good and just 10% were dissatisfied. The balance of good and poor ratings climbed 7 points on the previous year to 41 points.

Business expectations reach all-time high

In particular, the sustained dynamics of private consumption and positive export prospects strengthened growth predictions. As a result, the balance of business

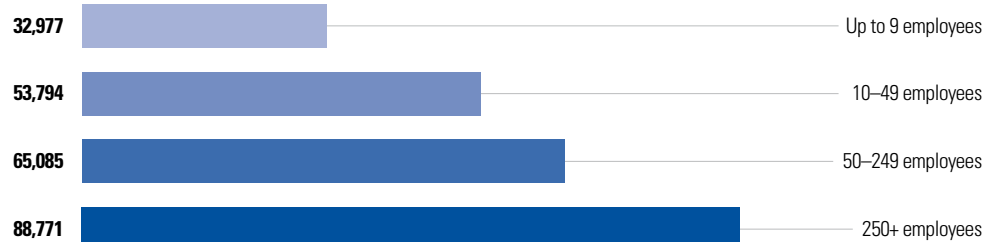
expectations rose compared to spring 2016 by 4 to 21 percentage points – a new all-time record. In response to this healthy economic development, businesses also raised their investment planning for 2017. The same goes for recruitment, with the number of employees in the industrial sector expected to rise despite growing difficulties with filling vacancies.

Expected exports optimistic

Demand from abroad among industrial companies has developed especially well lately. As a result, businesses have substantially improved their export forecasts. The balance of rising and falling export expectations nearly tripled from 8 to 23 points. With the euro remaining favourable for exports, firms are also profiting from the improving economy throughout the eurozone and the resulting increased demand from these countries.

Source: Economic Report for Central Germany, Halle–Dessau and Leipzig Chambers of Commerce and Industry and Chambers of Small Industries and Skilled Trades, 2017. A total of 1,726 firms in these business chambers responded to the survey.

Employment¹ by company size, 2014²



¹ Businesses and single-location businesses with employees subject to social security in the year under review and single-location businesses with no employees subject to social security but with taxable revenue from products and services in the year under review in Sections B–N and P–S of WZ 2008.

² At the time of evaluation (the year under review is 2015).

Source: Saxon Department of Statistics

Contact

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Strategic investment in the future



The German Ministry for Economic Affairs and Energy's Digital Hub Initiative is intended to support the emergence of Digital Hubs in Germany. The 'hub' idea is based on the concept that collaboration between companies and founders within a compact area, especially in the digital age, promotes innovation.

Digital highways: Smart Infrastructure Hub Leipzig

Since April 2017, the Smart Infrastructure Hub Leipzig has been one of the Digital Hubs within the eponymous initiative launched by the German Ministry for Economic Affairs and Energy. It concerns the issues of energy, smart city and e-health as well as enabling technologies for these areas. The focus here is on a very practical approach enabling technologies of cutting-edge startups to be applied worldwide with partners from business, science and politics. In addition to the Free State of Saxony and the City of Leipzig as well as Leipzig University, HTWK Leipzig University of Applied Sciences and the HHL Leipzig Graduate School of Management, many regional companies are taking part, too, such as the AOK health insurer, Verbundnetz Gas AG, the EEX European Energy Exchange, the Leipzig Group, Porsche and DELL. The involvement of SpinLab – The HHL Accelerator means that a leading accelerator programme is addressing these key areas and helping startups to strengthen their finances and launch their products on the market by introducing them to established companies and investors.

Office for Economic Development supports technology transfer

Economic success largely depends on how quickly inventions and discoveries catch on in the form of marketable products and processes. Technology transfer plays a key role in this – and acts as an agent of success stories.

Promoting cooperation between research and industry

The Leipzig Foundation for Innovation and Technology Transfer supports projects likely to stimulate economic development in Leipzig and bring about lasting change. It concentrates its activities on transferring knowledge and technology between research and industry. Funding is provided for new products and processes in and for Leipzig companies. The aim is to support the regional economy, to adapt it to rapidly changing market requirements, and to advance and keep pace with digitization. In addition, young people are encouraged to improve their skills in mathematics and technology. Between 2001 and 2016, projects were funded to the tune of around €9.3 million. And more projects with total funding of about €900,000 have been approved for 2017/18.

Selected projects currently funded by the Leipzig Foundation for Innovation and Technology Transfer:

- Transfer of embedded system solutions for biotech and biomedical engineering at HTWK Leipzig University of Applied Sciences
- Technology transfer to regional mechanical engineering together with the IWU Fraunhofer Institute for Machine Tools and Forming Technology
- Endowed Chair of Mechanics of Photovoltaic Materials at HTWK Leipzig University of Applied Sciences
- Central German Archive Network managed by Leipzig University Archive
- Leipzig IQ Innovation Award – a competition for innovative ideas in the city's economic clusters



- Technology transfer from UFZ to the regional economy
- Development of the interactive learning centre: 'Leipzig as a centre of research and technology – a city with a strong future'
- Participation by schoolchildren in the annual TSA (Technology Student Association) competition in the USA

www.leipziger-stiftung.de

The Leipzig IQ Innovation Award 2017

This year, the Leipzig Foundation for Innovation and Technology presented the Leipzig IQ Innovation Award accompanied by a cheque for €5,000 together with Leipzig Office for Economic Development for the tenth time. From the 23 applications from Leipzig, the local jury chose an innovative concept and product – a high-tech textile bicycle lock – developed by the startup tex-lock.

Alexandra Baum and Suse Brand from texlock with Mayor Burkhard Jung and Professor Utz Dornberger from SMILE.



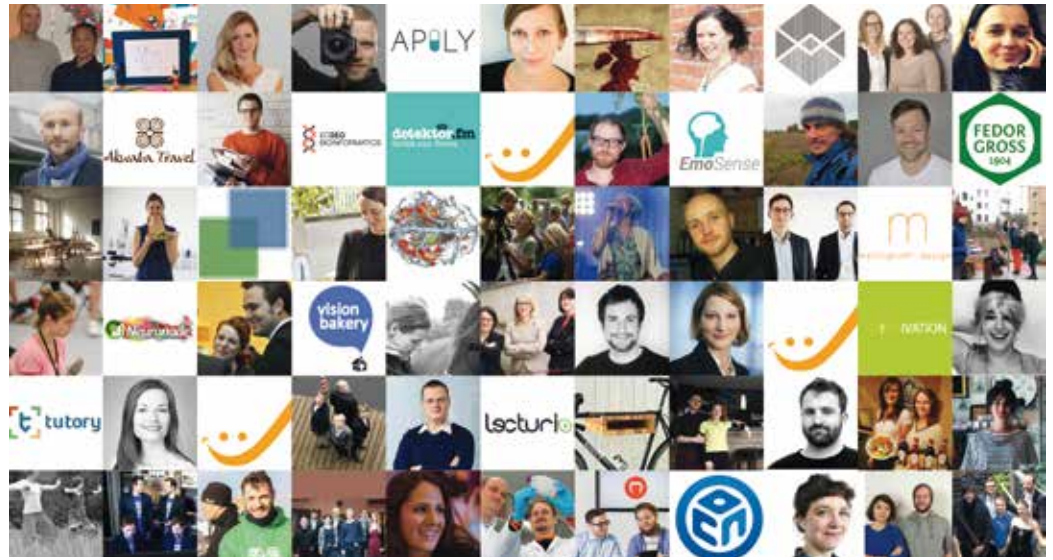
Technology Scouts

AGIL GmbH has been successfully conducting the pilot project Technology Scouts on behalf of the City of Leipzig and the Chamber of Industry and Commerce since 2013.

www.agil-leipzig.de

Good location for startups

Leipzig is better than anywhere else in eastern Germany at attracting startups from elsewhere. They either open branches here (e.g. travago, check24, verivox) or even relocate lock, stock and barrel to Leipzig (e.g. DIPAT, QLX, Sensape, food.de, Wundercurves, SelfID Technologies, Sonovum).



Growing city strengthened by new wave of startups

Leipzig is experiencing a new wave of startups with currently nearly 200 operating in the city. Whereas initially, startups in Leipzig focused on eCommerce – examples including Spreadshirt (now 500-strong) – later on, they spread to areas like big data (e.g. Data Virtuality, Webdata Solutions, Apiomat, Solution Engine) as well as aspects of infrastructure, energy (e.g. energy2markets, Rhebo, Senec/Deutsche Energieversorgung) and mobility (Nextbike, ekoio, busnetworx). Leipzig is better than anywhere else in eastern Germany at attracting startups from elsewhere. Established actors in the life sciences, health and medical technology include futalis and Phacon.

Leipzig University and HHL: Successful in the startup scene

Although the number of founders in Germany is declining, developments at Saxony's universities remain stable. In 2016, the four university locations in Saxony (Leipzig, Dresden, Chemnitz and Freiberg) alone produced more than 70 spin-offs. Leading the way is Leipzig University with 35 startups, compared to the national average of just over 13 per university according to the 2016 Startup Radar. In a study by Stifterverband (Founders' Association) on behalf of the German higher education sector, another Leipzig institution came top for the third time in a row in the category of small universities. HHL, which only has about 650 students, has acquired a reputation as a startup incubator with over 165 new businesses creating 2,800 jobs since the dawn of the millennium.

SMILE: Creative, innovative, effective

SMILE is a cooperative project by the University of Leipzig, the HHL Leipzig Graduate School of Management, the UFZ Helmholtz Centre for Environmental Research and

the German Biomass Research Centre. SMILE supports startups in various sectors. It concentrates on research- and knowledge-intensive startups in biotech, healthcare and technology as well as the arts, communication, sustainability and social affairs.

- 410 startups over the past 11 years
- 1,060 new jobs
- Winner of competitions such as ICT innovative, Science4Life, Start2grow, etc.

HHL: Top-ranking incubator

After the two successful rankings in 2013 and 2014, in 2017 HHL came out on top yet again in the Startup Radar survey among all German business schools and universities with up to 5,000 students. Support for startups at HHL is provided by the three departments focused on entrepreneurship, the student initiative accelerate@HHL, the Leipzig Self-Management Initiative and the HHL Association for Innovation, Startups and Growth.

- 165 startups over the past 18 years
- 2,800 new jobs



At Leipzig Founders' Night, awards are presented to successful startups and established businesses as well as for promising ideas.



Activities at HHL:

- HHL International Investors Day
- India Business Day
- Regular founder workshops with guest speakers from academia and practice
- Practical projects in which teams of students collaborate with business founders under the guidance of an HHL department

SpinLab: Rapid route to business success

The HHL Accelerator, a cooperation project by the internationally renowned creative space Baumwollspinnerei and the HHL Leipzig Graduate School of Management, is a unique combination of a creative atmosphere, entrepreneurial expertise and network. A six-strong international team is currently working at SpinLab, which is supplemented by a local event management centre. The six-month support programme for early-phase startups includes:

- A startup bonus of €6,000 per startup (from the City of Leipzig)
- Intensive consulting (including by 70 well-known mentors)
- Networking (with established companies and investors)
- Coworking, technology access, a recruiting network
- An international exchange programme with partner accelerators in California, Israel and Chile

UGB business start-up centre: Support for founders

Acting through the ugb business start-up centre, the City of Leipzig, Sparkasse Leipzig and the district authorities of Greater Leipzig and North Saxony provide extensive support on aspects of start-ups, corporate successions, franchise openings, and the establishment of technology-

and knowledge-based ventures. ugb Leipzig provides advice during startup, planning, financing, consolidation and further growth. One highlight is the Leipzig Founder Awards.

- 6,752 foundations over past 19 years
- Including 107 startups in 2016
- More than 9,664 jobs created
- Including 144 new jobs in 2016



Leipzig has a lively startup ecosystem

Founder initiatives

- SMILE, SMILE.medibiz, SMILE.+
- HHL Leipzig Graduate School of Management
- ugb business start-up centre
- Starter centres of the Chamber of Industry and Commerce and the Chamber of Small Industries and Skilled Trades
- AGIL GmbH Leipzig – technology scouts
- Research and transfer centre of HTWK Leipzig University of Applied Sciences
- Institute for Applied Informatics – Incubator for technology startups
- SpinLab – The HHL Accelerator
- Basislager – Coworking for startups and freelancers
- Social Impact Lab Leipzig for Social Startups
- futureSAX – The innovation platform of the Free State of Saxony

Founder competitions

- Leipzig Founders' Night
- German Founder Award
- Founder Competition – ICT innovative
- Founder Competition – Digital innovations
- Project 'Youth Startups'
- futureSAX – Ideas competition
- Cultural and Creative Pilots Germany
- IQ Innovation Prize
- IQ Innovation Prize Leipzig

Event formats for founders

- FuckUp Nights
- Start-up Weekend
- Start-up-Safari
- Hackathons
- DreamHack Leipzig
- Women overtake differently
- Founders' breakfasts and discussion forums (e.g. Basislager, Gründernest, Social Impact Lab)

Startup events

- accelerate@HHL Konferenz
- HHL Investor Days – Energy-Tech
- Smart City
- MedTech

Coworking spaces

- Basislager Coworking
- Delta Studios
- Raumstation
- Chaos Coworking
- Contorhaus
- Sekretär
- Social Impact Lab
- South LE
- Rockzipfel
- PlugandWork
- Tapetenwerk

Incubators for all sorts of founders

- Business Innovation Center BIC for tech companies
- BIO CITY LEIPZIG – technology centre and incubator for startups in the life sciences
- Makerspace Leipzig – open workshop
- Starter Space – a retail outlet for startup products
- GaraGe – Centre for youth, technology and education

Networks

- HHL Startup Bootcamp
- EXIST founder network
- 2b AHEAD Club
- Basislager
- SpinLab – The HHL Accelerator
- Creative Leipzig
- Start-up Central Germany
- Cluster IT Central Germany
- West Leipzig Business Centre

Leipzig's business community is reliably connected to partners throughout Europe and also global markets by modern transport links. Leipzig is superbly integrated into the German motorway network. The airport handles cargo 24 hours a day. Coordinated high-speed rail services on new and upgraded tracks ensure swift connections in all directions. And the telecoms infrastructure is state-of-the-art. Thanks to these rapid routes integrated into trans-European networks, businesses are making good headway. The winner is the regional market with its diverse links to the outside world.

Rapid links to a booming region



Upgraded transport: Highways for investors

At the crossroads of Europe

Leipzig began flourishing 850 years ago at the crossroads of two great continental trade routes, the east–west Via Regia and the north–south Via Imperii. And Leipzig's growth was shaped by the flows of goods, people and ideas intersecting there. Nowadays, in the early 21st century, far-sightedly upgraded roads, railways and air routes are tapping the enormous potential leveraged by Leipzig within the expanded European Union. Efficient transport links and the seamless networking of individual modes of transport are two of the key factors behind the thriving economic development of the entire region.

Milestones of infrastructure development in and around Leipzig

- 2017** – High-speed rail link Berlin–Leipzig/Halle–Erfurt–Nuremberg–Munich: Biggest German Unity Transport Project completed and commissioned in its entirety
 - Leipzig Central Station: Rerouted high-speed tracks for arrivals and departures commissioned
 - A72: Extensive roadworks to complete the motorway between Borna and Leipzig Intersection
 - LVB: New generation of XL trams deployed
 - Leipzig Central Station: Construction work begins on new coach station
 - Mulde Valley bus network: Second phase starts
- 2016** – Wahren Multimodal Terminal completed
 - DHL Hub: Handling capacity expanded following completion of new sorting depot
 - Railway station in borough of Mockau: Construction begins
 - Mulde Valley bus network: First stage opened, making for smoother commuting between Greater Leipzig and City of Leipzig
 - Air Freight Transshipment Station: Daily rail freight services to seaports
 - Leipzig Central Station: Tracks for high-speed train arrivals and departures rerouted
- 2015** – Deutsche Bahn: Phase 2 of central German railway network goes into operation (improved links from Leipzig/Halle and Magdeburg to Dessau-Rosslau, Bitterfeld-Wolfen and Lutherstadt Wittenberg)
 - Abellio: Saale–Thuringia–South Harz network opens (improved links from Leipzig/Halle to Thuringia and Lower Saxony/Hessen)
 - Leipzig Central Station: Central platforms modernized and extended to a length of 400m
- 2014** – LVB: Part of new Public Transport Technical Centre opened
- 2013** – A72 (Leipzig–Chemnitz–Hof) completed as far as Borna
 - Deutsche Bahn: City-centre tunnel opened
- 2013** – Airport: New hangar opened for Aircraft Maintenance and Engineering Service GmbH (previously Volga-Dnepr Technics GmbH, renamed in April 2015)
- 2012** – Phased upgrading of Lützner Strasse for rapid transit track for the 15 tram
- 2011** – Airport: Third taxiway bridge spanning the A14 opened
 - Airport: New railway siding in Cargo Area South
- 2010** – Airport: Animal Export Centre opened
- 2009** – Deutsche Bahn: New Intercity-Express repair depot opens in Leipzig
 - A14 (Magdeburg–Dresden–Prague) widened to three-lane dual carriageway
- 2008** – Airport: Air Freight Transshipment Station opened
- 2007** – Airport: 3.6km Runway South opened
 - Airport: Border Inspection Post opened
- 2006** – A9 (Berlin–Leipzig–Munich) widened to three-lane dual carriageway
 - Electronic traffic management system goes online throughout the Leipzig region
 - A38 (Leipzig–Göttingen) motorway completed
- 2005** – S10 local railway line between Leipzig and Halle opens, partly on new tracks
- 2004** – Deutsche Bahn: Intermodal terminal for road–rail container handling expanded
- 2003** – Schkeuditzer Kreuz interchange (A9/A14) revamped
 - Airport: New central terminal and railway station opened
- 2002** – New road link opened between the B6 and A9 in north Leipzig
- 2001** – MDV: Introduction of integrated tickets
- 2000** – Airport: 3.6km Runway North opens



Leipzig/Halle Airport: Freight millionaire in 2016



Airport turns 90

On 10 and 11 June 2017, Leipzig/Halle Airport celebrated its 90th anniversary with a huge open day which drew more than 60,000 visitors. The programme included an aviation and technology display, sightseeing flights, airport tours with a chance to go onboard aircraft, a Kids & Family Day, and an exhibition in the terminal on the history of the airport.

Facts and figures

Runway system:

- Runway South, 3,600m (Cat IIIb)
- Runway North, 3,600m (Cat IIIb)
- Capacity: 200,000 take-offs and landings annually
- Area: 1,400 ha

Development of air traffic in 2016:

- Take-offs and landings: 64,492
- Freight volume: 1,052,372.4 tonnes
- Passengers: 2,192,145

– www.leipzig-halle-airport.de

Trimodal benefits of Leipzig/Halle Airport

Leipzig/Halle Airport has a wide range of outstanding advantages:

- Two separate 3,600m runways for worldwide non-stop services with no payload restrictions
- Optimum flexibility thanks to 24-hour operation for cargo flights
- Ample capacity with no slot restrictions
- Excellent transport links (road, rail and air)
- Daily rail freight links to major European ports
- Frequent passenger connections to international hubs and other European cities

DHL's biggest air freight hub continues to grow

Since 2008, DHL has used Leipzig/Halle Airport as its European hub with some 60 flights landing daily. Investments to expand its hub totalling €230 million have increased its capacity by around 50% to 150,000 express consignments per hour. All in all, DHL currently employs some 4,900 people there. Including the costs of expansion, DHL Express has invested a total of €655 million in its air freight hub in Leipzig.

Leading European cargo airport

In 2016, cargo traffic at Leipzig/Halle Airport rose to a record level for the twelfth year in a row when total

freight reached 1,052,372.4 tonnes, increasing by 6.5% and crossing the 1,000,000-tonne mark for the first time. Leipzig/Halle Airport has hence consolidated its position as both Germany's second-biggest air cargo hub and also one of the foremost air freight handling centres in Europe.

World Cargo Center: Networked with the global economy

- Ideal conditions for logistics contractors
- Direct access to the apron
- Refrigeration unit for the parallel storage of pharmaceutical items, perishable goods and temperature-sensitive articles
- 35,325 sqm in size
- Annual handling capacity of 200,000 tonnes
- 38 loading bays
- Parking for 171 lorries
- 3,400 sqm of office space directly connected to the warehouse

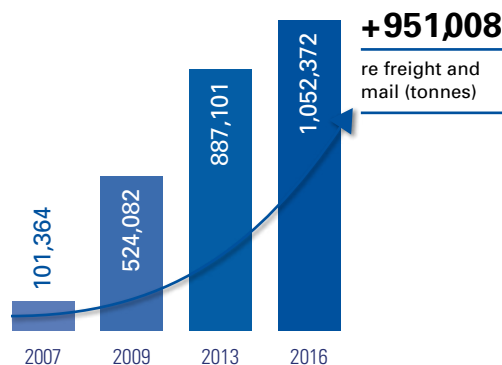
Animal Export Centre

Leipzig/Halle Airport is also a reliable partner when it comes to the safe, humane transport of animals. For this purpose, the airport operates an Animal Export Centre with a size of 1,300 square metres.

Planned expansion: Ideal conditions for investors

There's still plenty of land available at and around Leipzig/Halle Airport, offering ideal conditions for businesses operating in aviation and logistics.

Growth of freight and mail (tonnes)



Source: Leipzig/Halle Airport



Modern transport structures keep commercial traffic moving

Efficient road network linking city and region

Leipzig's road network with a total length of about 1,700km has to meet the needs of different users – from individual drivers to heavy commercial traffic. Fast, multi-lane roads between the city districts and the motorway orbital surrounding Leipzig, modern rapid transit tramways ensuring the optimum use of the existing road space by road traffic and trams, and the convenient siting of tram and bus stops near local railway stations are key elements of the City of Leipzig's diverse transport upgrade programme.

A long-term programme of road and bridge construction covers all parts of the city. At the end of 2016, the lengthy Antonienbrücke bridge leading to the huge housing estates in Grünau was reopened to traffic in its entirety

following its refurbishment. And the reconstruction of the worn-out road bridges on Karl-Heine-Strasse and Georg-Schwarz-Strasse marks the rehabilitation of other busy arteries, preparing them for the future.

In summer 2016, the City of Leipzig took advantage of the additional 90% funding for roadworks offered by the regional government to carry out repairs to 13 hotspots mostly on busy main roads, including Prager Strasse. In a detailed report, Leipzig Chamber of Industry and Commerce has appealed for Leipzig's road network to be upgraded to meet future demands of commercial traffic by means of selected construction projects and traffic reorganization schemes.



LVB: Public transport enjoys high growth

In 2016, public transport operator LVB saw its total number of passengers increase again by more than 10 million. Passenger growth is well above the German average and is mainly attributable to the sharp rise in the number of regular commuters (+8.3%). Even so, the company pushed ahead with its investment campaign to improve its services. Total investments rose from €56.8 million in 2015 to €63.2 million in 2016, enabling major upgrades of both infrastructure and fleet. As well as purchasing 12 articulated buses, LVB also achieved another milestone in tramway procurement with its first XL, Leipzig's new tram, going into service in late-2016. Another 41 new trams are planned by 2020.

In a recent study 'Digital mobility in German cities' (produced by the DLR German Aerospace Center and professional services network PricewaterhouseCoopers), Leipzig's public transport network came out top among 25 cities. "Leipzig offers proof that digital mobility is not the sole preserve of cities with over a million inhabitants," it declared. "Leipzig can attain top position in public transport, above all through the customer app 'Leipzig mobil' and networking with third-party mobility providers." It continues: "Leipzig as the frontrunner can serve as a model for other cities and regions and shows what's already possible."

Abellio trains prove popular

On 13 December 2015, Abellio Rail Mitteldeutschland GmbH's services on the Saale-Thuringia-South Harz network got off to a successful start. The new SE15 and RE17 routes provided new direct connections to the towns of Naumburg, Weimar, Erfurt, Jena and Saalfeld, benefitting commuters as well as day-trippers and tourists. The new rolling stock operates smoothly and has gone down well with passengers, who appreciate the fact that every train also has a guard. To help customers purchase tickets easily, ticket machines are installed not only at stations but also on each train.

www.abellio.de

City-centre tunnel: Backbone of rail services in central Germany

Five of the six lines of the local railway network covering central Germany pass through the tunnel beneath central Leipzig. A five-minute cycle is provided in peak travel times on services in the tunnel with its four stations, making changing between lines quick and convenient. The rail network linking up large parts of Saxony, Saxony-Anhalt and Thuringia was rebooted in late-2013 and now transports an average of 60,000 passengers per day. Right from the start, the most popular routes were the two lines connecting the cities of Leipzig and Halle which alone serve about 20,000 passengers daily. The local railway network in Leipzig is currently being augmented by the complete rebuilding of the station on

Essener Strasse in the Leipzig borough of Mockau, which will considerably improve suburban rail services to north Leipzig. Proposals are being examined for a station on the new railway line north of the GVZ freight village in order to enhance services for commuters to and from GVZ, the Porsche car plant and the parcel sorting depot. Furthermore, the stock of 51 Talent 2 railcars is planned to be increased from 2020 in order to cope with the growing passenger capacity of suburban rail services in central Germany.

www.s-bahn-mitteldeutschland.de

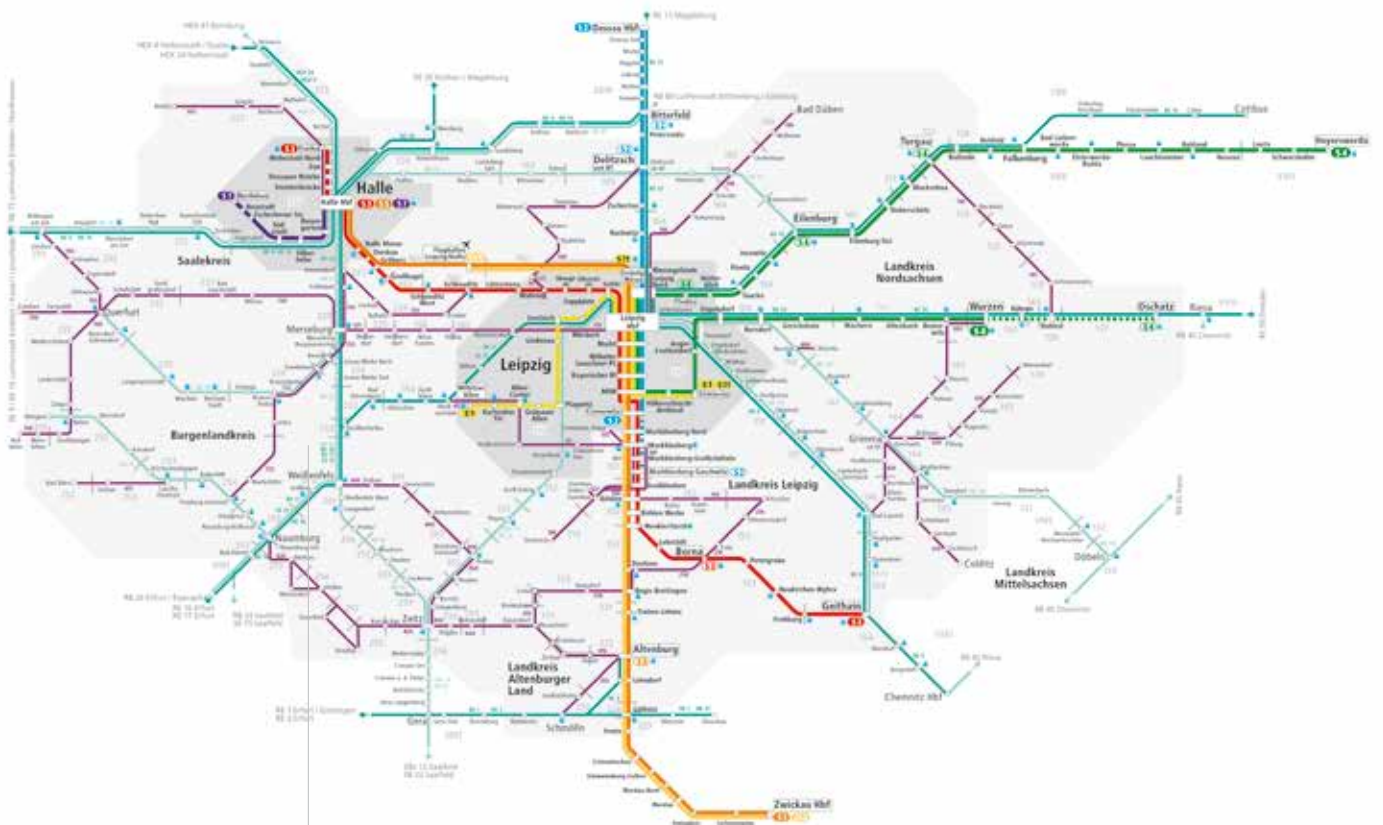


Integrated tickets for central Germany

Fares set by the MDV public transport network apply in Leipzig, Halle and parts of Saxony, Saxony-Anhalt and Thuringia. Passengers can use the same ticket for local trains, regional trains, trams and buses throughout the

network. Travel information and cashless tickets are provided by the smartphone app easy.GO.

www.mdv.de





Significantly shorter journey times

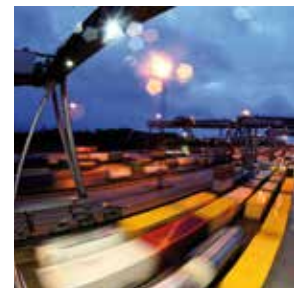
The progress made in the transport infrastructure is best expressed by the travel times offered by Intercity-Express services to other major economic centres in Germany:

- Berlin: 1h 7m
- Frankfurt: 3h 8m
- Hamburg: 3h 7m
- Munich: about 3½h (from December 2017)

German Unity Transport Projects approach grand finale

In December 2017, just in time for the new annual timetable, the biggest and most expensive VDE German Unity Transport Project will finally go into operation in its entirety. Investment in VDE 8 now totals about €10 billion. The route comprises the upgraded Leipzig–Berlin stretch of track (in operation since 2006), the newly laid section between Leipzig and Erfurt (in use since 2015), and the newly built section Erfurt–Ebensfeld (–Nuremberg) beneath the Thuringian Forest, the final part of the entire route from Berlin to Munich via Leipzig, Erfurt and Nuremberg. With an Intercity-Express travel time between Leipzig and Berlin of a little over an hour now daily reality for more than a decade, the journey time of just over three hours between Leipzig and Munich from December 2017 will set an entirely new standard. The shorter travel time and new changing possibilities will

have a beneficial impact on Deutsche Bahn's entire high-speed network and also international travel. One focal point of all the activities along the route of VDE 8 has always been Leipzig Central Station, which was rebuilt from top to bottom over a period of years while remaining open. The extension of the central platforms to accommodate the longest Intercity-Express trains with a length of 400 metres has been followed over the past two years by the complete rerouting of high-speed tracks for arrivals and departures. One aspect less visible for passengers yet all the more important given ever-faster train speeds is the installation of modern signalling equipment to ensure maximum safety. A substantial part of the entire rail traffic on the new high-speed line is now controlled from Deutschen Bahn's operations centre in Leipzig.



Expansion of Wahren Multimodal Terminal

Work has begun to expand the road–rail container terminal in Wahren (north-west Leipzig). The terminal opened in 1999 with two gantry cranes spanning the four loading tracks and the sidings for containers, and has an annual handling capacity of 120,000 units. The expansion of the terminal with a current length of 700 metres will double its capacity. Wahren Multimodal Terminal has a pivotal function in the route from northern Europe to Italy via central Germany, southern Bavaria and the Brenner Pass.

Emergency crane named Leipzig ready for action

Together with Wanne-Eickel and Fulda, the Leipzig district of Engelsdorf is one of the three locations for Deutsche Bahn's five new emergency cranes costing altogether €35 million. These cranes can be deployed anywhere in Germany's entire railway network whenever for example a tree falls onto the tracks or a carriage has been derailed. With a lifting capacity of up to 160 tonnes, they can even raise a locomotive. In April 2017, the crane stationed in Engelsdorf, which travels as part of a group of five special wagons, was named 'Leipzig'. And it wasn't built far away – for in fact all five of the new emergency cranes were built by Kirov in Leipzig.

In September 2002, the automotive industry arrived in Leipzig when Porsche's Leipzig car plant went into operation. Since then, under a prestigious brand, the Cayenne, Panamera and Macan have also proudly borne a Saxon hallmark of quality on roads throughout the world. The expansion of the Porsche factory and the technological advancement to Production 4.0 as well as the increasing inclusion of electric vehicles have opened up new vistas for Leipzig as an industrial location.

15 years of Porsche in Leipzig: Putting Leipzig in pole position



Five convincing clusters

Under the motto 'strengthening the strengths', emphasis is placed on five high-growth sectors whose basic structures are already sufficiently developed. Leipzig's economic strategy is to back promising industries with a bright future. Well-structured businesses exploiting their

own particular niches working cheek by jowl with R&D ideas factories constitute nodes of a whole series of networks. The Office for Economic Development carries out a wide range of cluster development activities in order to boost Leipzig's economy in the medium term as effectively as possible.

Automotive & Suppliers

Healthcare & Biotech

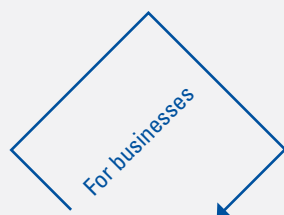
Energy & Environment

Logistics & Services

Media & Creative Industries



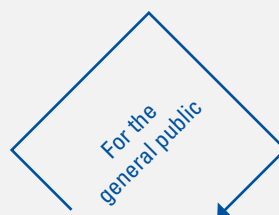
The benefits of Leipzig's cluster policy at a glance



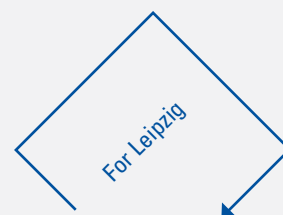
- Collaboration with other companies and universities
- Higher competitiveness
- Tapping global markets
- Greater innovation
- Large pool of skilled labour



- Optimum knowledge and technology transfer between industry and research
- Rising external funding
- Improved facilities
- Steadily increasing research excellence



- Better educational and career opportunities
- Increasing numbers and types of jobs
- Rising income opportunities
- Individual basic and further training
- Higher quality of life in the region



- Above-average economic and employment growth
- Excellent skilled employees
- Stronger innovation
- Sharper economic profile
- More direct investment
- Greater competitiveness in Germany and abroad

Cluster assignment of companies in 2016 based on WZ 2008 (German Classification of Economic Activities)

58% not part of a cluster

42% part of a cluster according to WZ classification

Cluster assignment of company employees in 2016 based on WZ 2008

42.5% not part of a cluster

57.5% part of a cluster according to WZ classification

Cluster assignment of taxable revenue for goods and services (excluding VAT) in 2014 based on WZ 2008

33.9% not part of a cluster

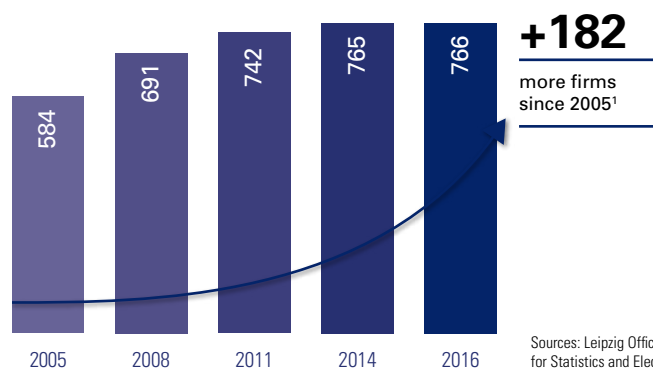
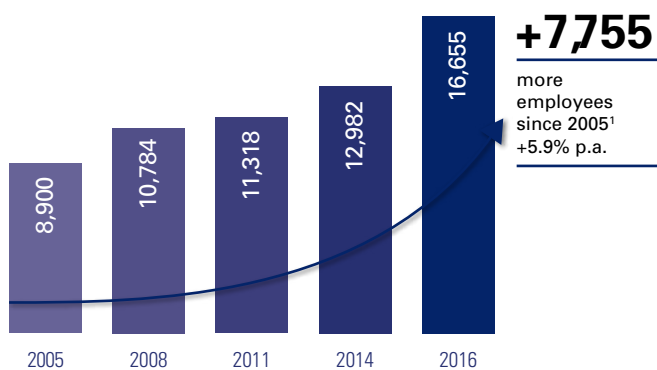
66.1% part of a cluster according to WZ classification

Sources: Saxon Department of Statistics, Leipzig Office for Statistics and Elections, calculations by Leipzig Office for Economic Development

The Automotive & Suppliers Cluster may be one of the youngest in Leipzig – yet it's also been one of the most influential ever since Porsche's decision in 1999 to build an assembly plant for the Cayenne in Leipzig. This was followed just two years later by BMW choosing Leipzig to site a new plant for the production of its 3 Series compact executive cars. In the meantime, more and more OEMs have followed suit. The presence of Porsche and BMW, two of the world's premium car brands, has done wonders for Leipzig's reputation on the global market.



Automotive & Suppliers



¹ Businesses and single-location businesses with employees subject to social security two years prior to the year under review and single-location businesses with no employees but with taxable revenue from products and services two years prior to the year under review in Sections B–N and P–S of WZ 2008.

Sources: Leipzig Office for Statistics and Elections, calculations by the Office for Economic Development

Milestones in the development of BMW's Leipzig plant

- 2017** – BMW's production programme in Leipzig comprises the 1 Series five-door hatchback, the 2 Series Coupé and Cabriolet, the 2 Series Active Tourer and the BMW M2 as well as the BMW i3 and i8
- 2014** – Plug-in hybrid BMW i8 sports car and BMW 2 Series Active Tourer go into production
- 2013** – BMW starts volume production of the all-electric CFRP BMW i3; four wind turbines go into operation
- 2009** – BMW also begins building the X1 in Leipzig
- 2007** – In addition to the 3 Series, BMW starts producing the 1 Series three-door hatchback, Coupé and Cabriolet in Leipzig
- 2005** – BMW opens its Leipzig plant, produces 3 Series

Milestones in the development of Porsche's Leipzig plant

- 2017** – Porsche opens a new, ultramodern training centre
- 2016** – Volume production of the second-generation Panamera starts; millionth Porsche built in Leipzig comes off the production line
- 2015** – Topping-out ceremonies for the second body construction plant and an advanced quality centre
- 2014** – Work begins on an extension for the complete production of the Panamera – Porsche starts creating about 600 new jobs
- 2013** – Porsche launches production of the new Macan, creating about 1,500 new jobs
- 2009** – Porsche starts making the Panamera luxury four-door sedan
- 2003** – Porsche opens plant for the exclusive assembly of the Cayenne

Network partners get the automotive industry moving

Close cooperation with leading-edge research is a key strategic principle of competitive manufacturers in order to tap synergy. To enable state-of-the-art development, groups and networks have therefore been set up with key companies based in the region to identify and tackle key issues.

Powerful networks in the Leipzig region

- _ ACOD Automotive Cluster for East Germany
- _ AMZ Automotive Suppliers Network Saxony
- _ AMZK Automotive Suppliers Plastics Network in Saxony
- _ Leipzig Foundry Network

ACOD Automotive Cluster for Eastern Germany

The ACOD Automotive Cluster for Eastern Germany is an initiative pooling regional activities and generating synergies to sustainably develop the automotive industry throughout the region. Its members include carmakers, suppliers, service providers, research institutes, trade associations, and the regional initiatives AMZ (Saxony), automotive Mecklenburg-West Pomerania, automotive Berlin-Brandenburg and MAHREG. The annual ACOD Conference is one of the most important automotive industry meetings in eastern Germany.

_ www.acod.de



Automotive industry in Leipzig remains in the fast lane

Ever since Porsche in 1999 and BMW in 2001 decided to open car plants in Leipzig, the city's automotive industry has progressed by leaps and bounds. Interestingly, these two marques have bucked the trend of investing abroad by expanding their production facilities in Leipzig. Whereas the car industry's growth in Leipzig was initially due to its favourable environment and the high confidence in Leipzig expressed by Porsche and BMW, these days the hard work and proficiency of people from the region plays an increasingly important role.

Renowned research partners for industry:

- _ Leipzig University
- _ HTWK Leipzig University of Applied Sciences
- _ HFTL Deutsche Telekom University of Applied Sciences for Telecommunications
- _ HHL Leipzig Graduate School of Management
- _ Leibniz Institute for Surface Modification
- _ KUZ Leipzig Plastics Centre
- _ Technologie-Zentrum für Oberflächentechnik und Umweltschutz Leipzig GmbH (surface technology and environmental protection)

Leipziger Messe: Intec and Z go from strength to strength

In 2017, the Intec engineering trade fair and the Z Subcontracting Fair welcomed a record 24,200 trade visitors from 35 countries. The 1,382 exhibitors from 30 countries made the trade shows the year's first major forum for engineering firms and OEMs.



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Porsche celebrates 15 years of car production in Leipzig

In 2017, high-performance sports car and SUV specialist Porsche is celebrating its fifteenth anniversary of car manufacture in Leipzig. Its factory opened in 2002 as an assembly plant with 250 employees and has been continuously expanded ever since. From 2011 to 2013, it was finally transformed into a fully-fledged manufacturing plant. The 4,200-strong workforce now turns out 650 vehicles in premium quality every day – and in 2016, over 158,000 Porsches rolled off the production line.

Focus on sustainability: Dedication to the environment, sport, the arts and social affairs
Porsche is responsible for wildlife conservation near one of the most advanced car plants in the world. In 2017, it demonstrated its commitment to the environment by settling 1.5 million honey bees on the factory grounds. In addition, Porsche aids local causes, including as a youth support partner at football club RB Leipzig, a global partner of the Gewandhaus Orchestra, and a presenter of the annual Leipzig Opera Ball.

BMW Leipzig: Pioneering electromobility

The BMW Group's car plant in Leipzig continues to operate at full throttle, with output of traditional vehicles now running at full capacity of up to 860 vehicles daily. They're joined by over 120 electric vehicles: BMW i3s and i8s. In 2016, the plant turned out 246,550 cars, more than ever before. Seven BMW models are currently produced in Leipzig:

- _ BMW 1 Series (five-door hatchback)
- _ BMW 2 Series Coupé, Convertible and Active Tourer
- _ BMW M2
- _ BMW i3 and i8

Cars in the BMW 1 and 2 Series are custom-built to each buyer's specification on the same production line. They include a plug-in hybrid version of the BMW 2 Series Active Tourer. In addition to being one of the most flexible car factories in the world, the BMW Group's Leipzig plant is pioneering electromobility as the production centre for BMW's electric models. Moreover, with the BMW i3 and i8 being the first mass-produced cars in the world to use CFRP (carbon-fibre-reinforced plastic), the plant leads the world in smart lightweight construction. All in all, the BMW Group has invested over €2 billion in its Leipzig plant.



Leesys: Reliable, compelling, powerful

Leesys's expertise backed up by nearly a century of experience fronts the development and production of high-quality electronic assemblies and plastic components as well as device and system assembly, all under one roof. As a system contractor for electronic manufacturing services, Leesys has first-class references in the fields of automotive, medical technology, telecoms, industrial electronics and smart home. Its watchword is reliable hardware for reliable communication.

— www.leesys.com



Georg Fischer GmbH: Adding quality to people's lives

This Leipzig foundry owned by the Swiss Georg Fischer AG is doing brisk business. Working at the biggest automatic moulding plant in Europe, the some 300 members of staff produce cast components weighing from 70kg to 1,200kg. They're used in heavy machinery, forestry and agriculture, large engines, commercial vehicles and wind turbines. The Leipzig site is also securing its long-term future by tapping new business segments such as solar thermal energy. Building on its reputation as an outstanding development partner, Georg Fischer Leipzig is now moving into bionic cast design. The use and development of new materials and technologies, such as by establishing a centre of excellence for core printing technology, underline its position as a long-term, valued partner for clients in Germany and abroad.

— www.georgfischer.com

NZWL shifts into top gear

Neuen ZWL Zahnradwerk Leipzig GmbH is an international manufacturer of engine and transmission components, gears, gear assemblies and fully assembled gearboxes for the automotive industry – and is developing into a global supplier.

This medium-sized OEM, which until now has largely generated business with products for German vehicle manufacturers, has evolved into an acclaimed partner.

NZWL's products are mainly used in small and mid-range cars, premium vehicles, minibuses, vans and SUVs. One of its most important product groups is synchronizing components for dual-clutch gearboxes.

The company's headquarters is in Leipzig. Under its globalization strategy, it acquired a production plant in the Slovak town of Sučany in 2008 and another in Tianjin in China in 2014. Nowadays, NZWL employs nearly 1,000 people.

Bringing its extensive manufacturing expertise to bear, NZWL supports its clients all the way from prototype development. Moreover, NZWL has at its disposal all the relevant production technologies including heat treatment, enabling it to offer streamlined solutions relatively quickly.

— www.nzwl.de

Automotive suppliers (number of companies)

- OEMs (10)
- Module integration (7)
- Engineering (8)
- Machine construction (2)
- Special machine construction (3)
- Tool-making (4)
- Metal and materials processing (9)
- Electronics and IT (11)
- Miscellaneous (11)

EMAG Leipzig: A proud heritage

EMAG Leipzig Maschinenfabrik GmbH is part of the EMAG Group, one of the world's leading corporations in the machine tool industry. EMAG develops manufacturing systems for the complete production of strategic components. The company's experts specializing in large components – from pipe machining for the oil industry to the machining of complex workpieces for automotive OEMs, aerospace companies, the railway industry and other engineering companies – are based in Leipzig. Innovations developed in the Leipzig region include EMAG's VMC MT series, whose five axes speed up the production of large, complex components.

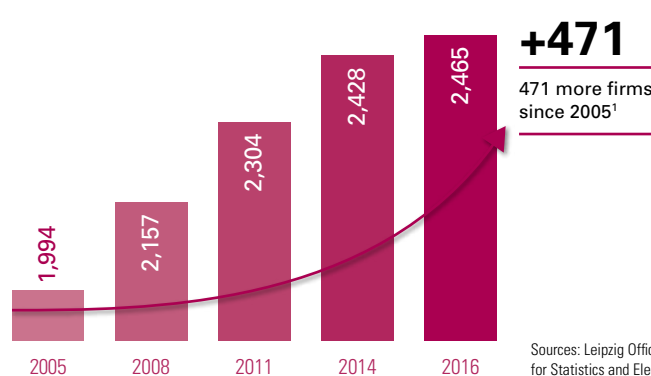
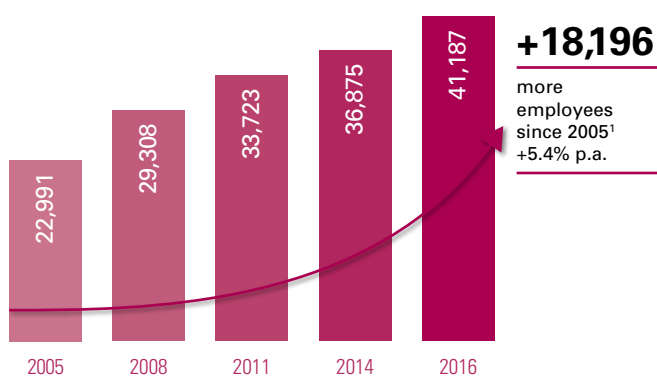
— www.emag.com



Leipzig is home to a wide range of advanced university medicine and research as well as regenerative medicine and biotech. Leipzig University, Leipzig University Hospital, Heart Centre Leipzig and the IZI Fraunhofer Institute for Cell Therapy and Immunology are just four of the many scientific institutes, hospitals and businesses making up the Healthcare & Biotech Cluster with over 41,000 employees as well as 6,000 students and trainees. The raft of international healthcare conventions and medical exhibitions held in Leipzig such as the OTWorld International Congress underline the city's importance as a stronghold of medicine.



Healthcare & Biotech



¹ Businesses and single-location businesses with employees subject to social security two years prior to the year under review and single-location businesses with no employees but with taxable revenue from products and services two years prior to the year under review in Sections B–N and P–S of WZ 2008.

Sources: Leipzig Office for Statistics and Elections, calculations by the Office for Economic Development

Milestones in the development of the Healthcare & Biotech Cluster (projects, investments and expansions)

- 2017**
- Leipzig University Hospital: Extension of Vascular Medicine Centre opened
 - Leipzig University: New pharmacy degree programme developed
 - Leipzig University: Institute of Biochemistry named after Rudolf Schönheimer to celebrate centenary
 - Leipzig University: HI-MAG Helmholtz Institute for Metabolic, Adiposity and Vascular Research founded
 - Collaborative research projects 'Mechanisms of Adiposity' and 'Functional Biomaterials for the Control of Healing Processes in Bone and Skin Tissue': Funding extended
 - Leipzig University: Funding granted by the German Ministry of

- Education and Research for the Leipzig Health Atlas – a project for the presentation and scientific use of biomedical data
 - LIFE Leipzig Research Centre for Lifestyle Diseases: Biobank joins new German Biobank alliance
- 2016**
- Leipzig University Hospital: Foundations laid for new €58 million Clinical Centre
 - Leipzig University Hospital: Paediatric Clinic celebrates 125th anniversary
 - Leipzig University Hospital: ZINF Centre for Infectious Medicine founded

Cooperation benefiting patients

Leipzig University Hospital is the biggest medical centre in central Germany. Working closely together with Leipzig University's Faculty of Medicine, research and teaching are coordinated so that new research findings can be quickly translated into patient care. At present, scientists from the Faculty of Medicine are working on two major research projects. Involving over 130 researchers, LIFE Leipzig Research Centre for Lifestyle Diseases, a project under the Saxon Regional Excellence Initiative, is the largest research unit of its kind in Germany. And in the IFB Integrated Research and Treatment Centre Adiposity Diseases, interdisciplinary work is building on the expertise in metabolic and vascular diseases amassed in Leipzig to develop new treatment methods. Meanwhile, HTWK Leipzig University of Applied Sciences is also making a name for itself in life science engineering with engineers, computer scientists and social scientists working hand in hand with medical experts.

Wide-ranging health research

These days, the range of medical research at Leipzig University encompasses nearly all areas of science, with particular attention devoted to diseases of affluence, the neurosciences, cell and organ replacement therapy, and psychosocial medicine. Furthermore, clinical and experimental research into cardiac surgery and cardiology at Heart Centre Leipzig enjoys international acclaim. Since it was opened in 2003, Leipzig University's BBZ Centre for Biotechnology and Biomedicine has become a catalyst for new key technologies in molecular and cellular life science as well as regenerative medicine for diagnosis, treatment and therapy monitoring. Non-university research institutes also contribute to the region's healthy reputation as a centre of research, such as the IZI Fraunhofer Institute of Cell Therapy and Immunology, the Max Planck Institute for Evolutionary Anthropology, the Max Planck Institute for Human Cognitive and Brain Sciences, the iDiv German Centre for Integrative Biodiversity Research, and the UFZ Helmholtz Centre for Environmental Research.

— www.medicin.uni-leipzig.de

Practical training

The teaching concept of the Faculty of Medicine is characterized by modern methods, including problem-based learning courses, e-learning, and a mentoring programme. In the skills lab, students can practise on life-size dummies and simulate complex treatment situations at 14 OSCE (objective structured clinical examination) stations. The quality of teaching is maintained by compulsory training for all those qualifying as university lecturers.

Leipzig University Hospital: State-of-the-art medicine in the heart of the city

Leipzig University Hospital, a full-service hospital, is one of the region's biggest employers with over 3,800 members of staff. The medical campus on Liebigstrasse comprises about 50 departments and institutes and covers virtually all areas of medicine at university level. Computer-assisted keyhole surgery, unique diagnostic possibilities, the development and application of new types of treatment, and the optimum interdisciplinary networking of different branches of medicine guarantee the highest level of hospital care. Every year, Leipzig University Hospital treats over 400,000 inpatients and outpatients.

In 2016, the hospital strengthened its activities by combining different areas of technical expertise. For example, the Interdisciplinary Centre for Infectious Diseases was established, while the work of the centres for Interdisciplinary Allergology, Rare Diseases and Drug Safety was intensified.

The high quality of the diagnosis and treatment provided is reflected by continuously rising patient numbers. To meet



this high demand, the buildings and infrastructure of the campus in central Leipzig need to be constantly upgraded. In 2017, the extension of the Vascular Medicine Centre was opened while the topping-out ceremony was held for the new Clinical Centre with urgently needed premises for above all paediatrics and the UCCL University Cancer Centre Leipzig. Due to be completed by 2018, about €58 million is being invested in this building – a valuable investment in more space for medicine at the highest level.

— www.uniklinikum-leipzig.de

Construction projects for the Faculty of Medicine

In December 2016, a topping-out ceremony was celebrated for the new building of the refectory, library and LernKlinik. By 2018, a multifunctional study and communication centre is to be built which, alongside the modernized refectory, will also house the Medicine/Life Sciences Central Library and the Faculty of Medicine's LernKlinik.

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www.bio-city-leipzig.de

Conventions, exhibitions and events

- Fachdental Leipzig, 22–23 September 2017
- 4th Geistesblitze – Science Slam, 22 September 2017
- 6th MEDCARE, 27–28 September 2017
- Sporlastic Campus 2017, 10–13 October 2017
- EUFUS 2017, 4th Symposium on Focused Ultrasound Therapy, 26–27 October 2017
- Central German Neuroradiology Symposium, 2–4 November 2017
- 13th Leipzig Healthcare Sector Forum, 7 November 2017
- ABBSAT 2017, 27th Anaesthesia Conference Berlin, Brandenburg, Saxony, Saxony-Anhalt, Thuringia, 17–18 November 2017
- DIVI 2017, 17th Congress of the German Interdisciplinary Association for Intensive Care and Emergency Medicine, 6–8 December 2017

2018

- Leipzig Veterinary Congress, 18–20 January 2018
- LINC – Leipzig Interventional Course, 30 January – 2 February 2018
- XPOMET Convention 2018 – Medicine to Marvel, International Convention for Innovation and High Tech in Medicine, 21–23 March 2018
- 99th German X-Ray Congress, 9–12 May 2018
- 7th OTWorld, 15–18 May 2018
- 24th Annual Congress of the German Radiation Oncology Society, 21–24 June 2018
- ISME17 – 17th International Symposium on Microbial Ecology, 12–17 August 2018
- 3rd Fachdental Leipzig, 28–29 September 2018
- ABBSAT 2018, 28th Anaesthesia Conference Berlin, Brandenburg, Saxony, Saxony-Anhalt, Thuringia, 16–17 November 2018
- DIVI 2018, 18th Congress of the German Interdisciplinary Association for Intensive Care and Emergency Medicine, 5–7 December 2018
- CURAC 2018, 17th Annual Conference of the German Society for Computer and Robot Assisted Surgery

Innovation Center Computer Assisted Surgery (ICCAS)

The Innovation Center Computer Assisted Surgery is one of Germany's foremost biomedical engineering institutes specializing in computer-assisted diagnosis and therapy at Leipzig University's Faculty of Medicine. Working in interdisciplinary collaboration, computer scientists, engineers and doctors develop modular software solutions and smart assistance systems which contribute to the more precise, less harmful treatment of patients and improve the efficiency of working processes and safety in the operating room. ICCAS is an internationally acclaimed centre of expertise funded by the German Ministry of Education and Research and has extensive contacts among clinical, scientific and industry partners. Commercial enterprises can pursue cooperation projects with ICCAS complying with the standard ISO 13485 regulating quality management systems for medical devices.

– www.iccas.de



Vita 34 AG

Vita 34 AG is a pioneer among private umbilical cord blood banks in Europe and the largest stem cell bank in the German-speaking countries. Founded in 1997, it specializes in the storage of stem cells from umbilical cord blood and tissue for medical purposes as well as producing stem cell transplants from umbilical cord blood. Vita 34 currently stores umbilical cord blood and tissue from over 150,000 children from Germany and other countries in and outside Europe. The 30 applications so far of stem cell deposits prepared for medical treatment following internal cryo-preservation bear out the high quality of the company's stem cell preparations.

– www.vita34.de

World-level dedication to cardiac care

Heart Centre Leipzig has been delivering high-performance cardiac medicine since 1994. One of the largest cardiac units in Germany, it treats some 44,000 inpatients and outpatients annually. Thanks to cooperation with Leipzig University, the departments of Cardiac Surgery, Internal Medicine/Cardiology and Paediatric Cardiology all have university hospital status. Heart Centre Leipzig is distinguished by continuous innovation and medical expertise. As well as significantly co-developing methods of cardiac surgery, since June 2015 Heart Centre Leipzig has also had the world's largest electrophysiology laboratory where up to 6,000 patients with cardiac arrhythmias are treated every year. In 2014, Heart Centre Leipzig joined the HELIOS Kliniken Group.

– www.helios-kliniken.de/herzzentrum

Fischer ANalysen Instrumente GmbH

A recipient of innovation awards from both the City of Leipzig and the Free State of Saxony, Fischer ANalysen Instrumente GmbH (founded in 1991) is one of the world's most innovative companies in 13C and H2 breath analysis. FAN's 13C breath test instruments allow Helicobacter pylori infections to be detected reliably and quickly, and also enable the function of the liver and the pancreas as well as gastric emptying time to be easily checked. The H2 breath test is used to determine intolerance to lactose, fructose and sugar substitutes, diagnose bacterial overgrowth, and test the motility of the intestine.

– www.fan-gmbh.de



BioCity Campus: Industry and science

Harnessing synergies and profiting from the campus's compact size are just two of the key reasons behind the success of this life science hub at repurposed exhibition centre Alte Messe. Conditions here are ideal, and not just for the likes of research centres such as the iDiv German Centre for Integrative Biodiversity Research and the IZI Fraunhofer Institute for Cell Therapy and Immunology. After all, the BioCity Campus also provides the next step up for businesses which, following their initial phase at BIO CITY LEIPZIG, need to grow and so set up shop here next door. Two other firms to profit from the advantages of this location are Orthopädie- und Reha-Technik Wolf and Analysen Service GmbH.

— www.biocity-campus.de

biosaxony: Saxony's biotech and life sciences cluster

biosaxony is the biotechnology/biomedical engineering cluster association. Its members represent the various companies, scientific institutions and lobbyists working in biotechnology and related areas of engineering and material sciences in Saxony. It pulls the different strands of biotech together, gauges its members' needs, and represents their interests. biosaxony's responsibilities include initiating projects between industry and research, pinpointing services and know-how, harnessing synergies, and highlighting regional expertise in order to support the value-added development of these cross-cutting technologies. Other elements of its cluster work include developing new ideas and strategies as well as increasing sustainable technology transfer, such as at its partnering conference 'bionection'. Local activities are strengthened by biosaxony's two offices in Leipzig and Dresden. In 2016, biosaxony founded the Section Medical Technology and was the hosting BioRegion of the DBT German Biotech Conference in Leipzig.

— www.biosaxony.com

BIO CITY LEIPZIG: The heart of biotech

Successful start-ups need experienced partners, a reliable network and the right infrastructure to prepare the ground for them. These are all available to founders in the life sciences at BIO CITY LEIPZIG, which in 2017 was voted one of Europe's top 15 biotech incubators. About 15,000 square metres of laboratories and office space are available to them together with a strong partner providing support in all aspects of business development: BIO-NET LEIPZIG. In addition, they profit from the direct vicinity of Leipzig University's BBZ Centre for Biotechnology and Biomedicine in the same building. With its conference facilities, BIO CITY LEIPZIG is one of the best places for diverse workshops, seminars and conferences for companies and research centres.

BIO CITY LEIPZIG offers tenants an opportunity to deepen existing contacts with resident companies and research institutions as well as to develop sustainable growth through new partnerships. Two prime examples are Vita 34 AG and c-Lecta GmbH, which were among the first tenants of BIO CITY LEIPZIG. Their positive commercial development and the resulting need for larger premises prompted the erection of BioCube next door in 2013. BioCube is thus a perfect example of success stories begun in BIO CITY LEIPZIG – and represents the triumph of this vibrant location.

— www.bio-city-leipzig.de

BIO-NET LEIPZIG: Contact for the life sciences

Since 2002, BIO-NET LEIPZIG has been the central port of call for technology transfer and much more at BIO CITY LEIPZIG, yet also operates far outside the city. A full-service provider, BIO-NET LEIPZIG GmbH provides support and advice in the areas of finance, coaching, marketing, regulatory affairs, PR and special events. Contact with BIO-NET LEIPZIG is the gateway to the biotech and healthcare sector in Leipzig.

— www.bio-net-leipzig.de

BIO CITY LEIPZIG: New arrivals in 2016–17

- EnBiotix GmbH
- BellaSeno GmbH
- IPDx Immunoprofiling Diagnostics GmbH
- Cognate Bioservices GmbH
- ifp Institut für Produktqualität GmbH
- Dr Henke MTE GmbH
- iScienceBox
- IMMUTHERA GmbH

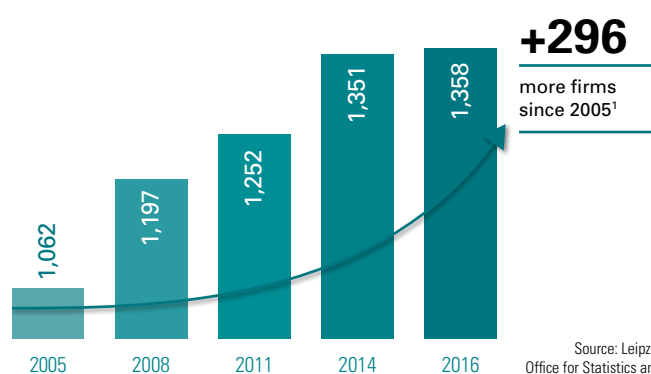
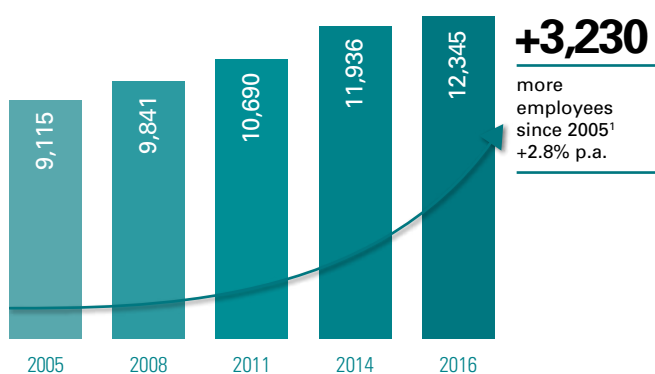
Selected networks:

- biosaxony
- Healthy Cities Network
- Leipzig Healthcare Network
- mnet Medical Engineering Network
- NetUs Ultrasound Network
- bm-log Biomedicine Logistics Network
- Network: DIALOG – Tissue Engineering
- Palliative Network Focus Group for Leipzig and Area
- Leipzig Care Network
- VfG Association for the Promotion of the Healthcare Sector

Leipzig's energy and environmental sector has a long heritage, a stable foundation comprising over 1,000 companies, and also outstanding development potential with various startups tackling the challenges of the energy, environmental and transport transition. Thanks to the presence of long-standing utilities, outstanding institutions conducting pioneering practical research, and a variety of service providers, the actors in the Energy & Environment Cluster do their bit to ensure a prosperous economy.



Energy & Environment



¹ Businesses and single-location businesses with employees subject to social security two years prior to the year under review and single-location businesses with no employees but with taxable revenue from products and services two years prior to the year under review in Sections B–N and P–S of WZ 2008.

Source: Leipzig Office for Statistics and Elections, calculations by Leipzig Office for Economic Development

Milestones in the development of the Energy & Environment Cluster (projects, investments and expansions)

- 2017** – Leipzig City Council: Over 40 measures for smart mobility solutions adopted
- 2016** – magis consult GmbH founded
 - DBFZ German Biomass Research Centre: Foundation stone laid for new pilot plant and administrative building
 - CleverShuttle launched in Leipzig
 - iDiv German Centre of Integrative Biodiversity Research: €36.5m in funding
- 2015** – UFZ: Saxon Centre for the Visualization of Biochemical Processes at the Cellular Level (ProVIS) set up
 - EEX European Energy Exchange takes over Parisian gas exchange Powernext

- 2014** – ‘lipsia e-motion’: First e-rally in central Germany with over 60 vehicles
- 2013** – Bioenergy Innovation Centre founded
 - BMW i3 goes into production, ushering in a new era for electric vehicles
- 2012** – BioEconomy Top-Level Cluster launched with Leipzig cluster members
 - Bavaria–Saxony Electric Vehicle Showcase
 - iDiv German Centre of Integrative Biodiversity Research founded in Leipzig
- 2011** – HTWK: Endowed Chair of Smart Monitoring and Online Diagnostics in Power Engineering founded

NEU Energy & Environment Network: Focused expertise

The NEU Energy & Environment Network was set up in January 2011. Its continuously growing membership conducts networking by initiating and performing a host of projects, chiefly in the energy sector.

Cluster Teams in the NEU Energy & Environment Network			
Bioenergy	Electromobility	Energy Efficiency	Training & Qualifications
Sales & Services	Solar	Water/Sewage	Environment

New concept: 'Leipzig – City for Smart Mobility'

Leipzig is the first German city to draw up an action plan focusing on public transport, car-sharing and new alternative mobility services. Entitled 'Leipzig – City for Smart Mobility', it addresses the future of electromobility – a segment clearly spearheaded by Leipzig with around 90 e-vehicles owned by the local authority and direct service organizations as well as some 200 charging points in the city (154 public, about 50 semi-public or private). Published by the Department of Economic Affairs and Employment, the action plan lists more than 40 projects. They are to be implemented step by step under the umbrella of the 'e-Alliance Leipzig' set up in June 2015 in conjunction with the private sector, trade associations, business chambers and universities. It is based on a resolution adopted by Leipzig City Council in September 2015.

'Leipzig's charging ahead!'

Apart from the projects in the Bavaria-Saxony Electric Vehicle Showcase, the NEU Energy & Environment Network hosted a series of events under the motto of 'Leipzig's charging ahead!'

Energy Metropolis Leipzig: 10th Expert Meeting

The 10th Expert Meeting of Energy Metropolis Leipzig was held under the banner of 'Impetus from Leipzig: Regional answers to global questions' It was jointly hosted by the Leipzig Office for Economic Development and NEU Energy & Environment Network. This regional forum with national impact was attended by more than 150 experts.

Environment Cluster Team launched

The shortening cycle of innovation in industry calls for the ever-closer integration of research and the market as well as the development of new areas of business. Given this, the Environment Cluster Team was founded on 7 December 2016. The private sector, local authorities and research institutes all intend to harness this network for further cooperation.

Networking at energy expos

Members of the NEU Energy & Environment Network and cluster companies attended various events during the trade show TerraTec and new energy world 2017. One highlight during the 'Green Ventures' was the employers' forum at New City Hall attended by international guests and visitors. This year's 'special guest country' was Japan.

Broad energy research sector:

- UFZ Helmholtz Centre for Environmental Research
- DBFZ German Biomass Research Centre
- iDiv German Centre for Integrative Biodiversity Research Halle-Jena-Leipzig
- Leibniz Institute of Troposphere Research
- HHL Graduate School of Management
- Endowed chair at HTWK funded by the Leipzig Energy and Environment Foundation
- DBI Gas- und Umwelttechnik GmbH
- Leipzig University – Chair of Energy Management and Sustainability
- Leipzig University – Virtual Institute of Energy Research
- Leipzig University – Department of Operational Information Systems

Energy Cluster meets science

Technology and knowledge transfer between business and universities. This year, Leipzig companies such as Veolia Water Technologies Deutschland GmbH, efa Leipzig GmbH and lignite mining company MIBRAG mbH featured strongly as they stated their need for research services and additional requirements for future employees. In turn, university institutions came up with answers and presented suitable projects in which energy and environmental companies are either involved or stand to profit from the findings.



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Multi-utility Leipziger Stadtwerke generates power and heat at its green, efficient combined cycle power plant.

Leipziger Stadtwerke: Local energy experts

Multi-utility Leipziger Stadtwerke delivers energy to people in the region reliably and efficiently. Together with its subsidiary Netz Leipzig GmbH, it provides a comprehensive range of services surrounding the generation, transmission and distribution of gas, electricity and district heating in Leipzig. Together with Leipziger Stadtholding, Leipziger Stadtwerke is actively shaping the energy transition and preparing strategically and technically for future demands. As a competent energy partner with a leading position in central Germany, Leipziger Stadtwerke offers its customers smart, future-proof solutions for the green, decentralized and networked energy world of tomorrow. Its portfolio of services includes energy supply, wholesale, generation, distribution networks and energy services.

— www.l.de/stadtwerke

VNG: The natural gas specialists

The Leipzig-based VNG Group is made up of 20 fully consolidated companies in the European gas industry in 8 countries. Its core business is subdivided into four divisions: Exploration and Production, Sales, Transmission and Storage. VNG AG, the parent company of the VNG Group, also handles gas trading. VNG Norge AS produces natural gas in Norway and neighbouring regions. ONTRAS Gastransport GmbH, an independent gas transmission



system operator, independently markets the second-largest gas grid. And VNG Gasspeicher GmbH offers storage capacity across Europe. In 2016, the 1,300-strong workforce generated revenue of about €7.2 billion.

— www.vng-gruppe.de

— www.vng.de

ONTRAS Gastransport

Based in Leipzig, ONTRAS Gastransport GmbH is a national gas transmission system operator within the European gas transport system. ONTRAS operates Germany's second-largest gas transmission network comprising approximately 7,000km of pipelines and about 450 interconnection points to ensure the smooth transport of natural gas to its customers. To do so, it coordinates the interests of transmission clients, dealers, regional network operators and producers of renewable gas. On

9 November 2016, the German gas industry's Innovation and Climate Protection Awards (an event held jointly by the trade associations ASUE, BDEW, DVGW and Zukunft Erdgas) were presented. One of the prize-winning projects was a mobile gas compressor developed by ONTRAS in conjunction with a number of partners to ensure the high availability of biogas feed-in plants.

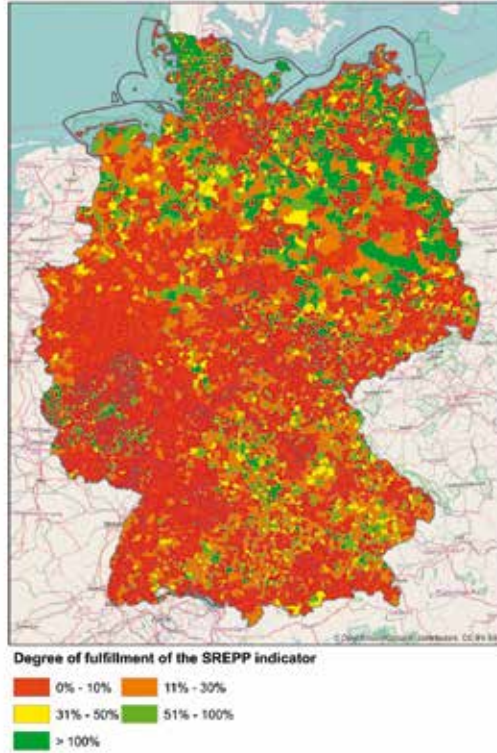
— www.ontras.com

UFZ Helmholtz Centre for Environmental Research

One of the institutions conducting regionally and internationally acclaimed research in a wide range of fields concerning the environment and energy is the UFZ Helmholtz Centre for Environmental Research. It produces sound findings, technological solutions and recommendations for decision-makers designed to promote the sustainable use of natural resources and human development. The transfer of technologies and knowledge to society and industry is an integral part of its activities.

Much of UFZ's innovative research infrastructure offers vital links between science and industry and provides the basis for possible research projects, such as the 3D visualization of data, measurements and numerical simulations as well as advanced technologies for the high-resolution exploration of complex underground structures, integrated Earth observation, and the interpretation of satellite data based on ground truth data.

Through its knowledge transfer activities, UFZ provides a wide spectrum of practical expertise. The main beneficiaries are decision-makers in national and international institutions responsible for implementing environmental and natural resources policy as well as all those interested in environmental matters. Of particular importance is the small-scale, empirically based assessment of the progress made in the energy transition. A decisive factor for accurate appraisal is the interaction between weather-dependent



fluctuating and flexible power producers, since a reliable energy supply is only possible if they all work together.

www.ufz.de

Sachsen Wasser: Globally active for the environment

Sachsen Wasser GmbH provides services across the world for the drinking water and wastewater industry, especially in the fields of consulting, plant operation and training. The company operates in Southeast Europe, South America, East Africa, Central and Southeast Asia as well as the Middle East in order to build up efficient, sustainable water management systems. Its specialists have so far passed on their expertise to clients from 38 countries in 138 projects. This development cooperation contributes to raising supply and hygiene standards in regions hit by water scarcity and political crises and helps improve municipal infrastructure.

www.sachsenwasser.com

Waterworks: Water experts for Leipzig and the region

Every day, municipal waterworks Leipziger Wasserwerke delivers tap water to around 660,000 people in and around Leipzig and handles the green disposal of sewage. To do so, it continues to invest in modern infrastructure of the highest quality. Moreover, it's an important employer and training company, and every year it takes on plenty of school-leavers as apprentices to ensure it will continue to

have enough well-trained staff in the future. The company owns three successful subsidiaries: Bau und Service Leipzig GmbH, Sportbäder Leipzig GmbH and Wassergut Canitz GmbH. The waterworks is part of the Leipzig Group safeguarding the quality of life in Leipzig and the region.

www.L.de/wasserwerke

Energy transition

Despite all the progress made in the energy transition in Germany, there are still huge regional differences. A research team headed by Professor Daniela Thrän from UFZ has analysed the different pace of development and produced a map showing pioneers and stragglers in the energy transition. All available data on electricity generation and consumption until 2015 in all 12,066 German municipalities were analysed. The resulting energy transition map was published in the trade journal Applied Energy.

BDZ: Network for decentralized sewage treatment

The BDZ Training and Demonstration Centre for Local Sewage Treatment focuses on demonstrating decentralized and semi-centralized sewage treatment technologies, providing information and consulting on aspects of sewage treatment and recycling, and training in sustainable sewage management for personnel from Germany and abroad.

www.bdz-abwasser.de

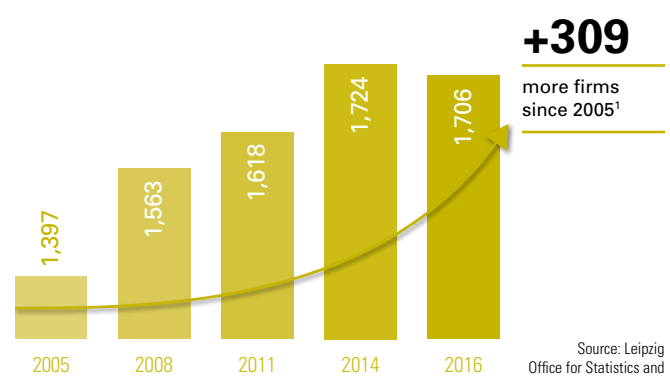
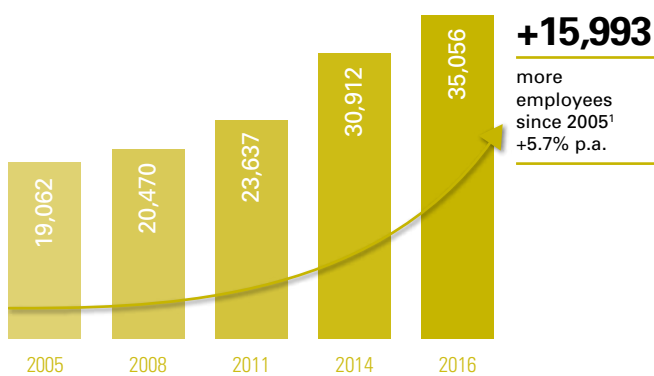


The people of Leipzig can rely on the quality of their drinking water. Every year, experts at the drinking water laboratory of Leipziger Wasserwerke test over 6,200 samples of local drinking water.

The dynamic development of Europe's new logistics hub in Leipzig for multinationals like DHL, AeroLogic, Lufthansa Cargo and Future Electronics is continuing. And thanks in particular to the 24/7 freight services at Leipzig/Halle Airport, Leipzig's highly motivated, well-trained labour pool, the city's excellent research infrastructure, and the forward-looking cooperation between higher education and industry, first-class logistics and value-added services have arisen in and around Leipzig for car-makers, the mechanical engineering industry and microelectronics.



Logistics



Source: Leipzig Office for Statistics and Elections, calculations by Leipzig Office for Economic Development

¹ Businesses and single-location businesses with employees subject to social security two years prior to the year under review and single-location businesses with no employees but with taxable revenue from products and services two years prior to the year under review in Sections B–N and P–S of WZ 2008.

Milestones in the development of the logistics region (private sector, investments, expansions)

- 2017** – VGP Park Leipzig: Over 50,000 sqm of on-demand space for logistics and industry completed
 - AeroLogic GmbH: Fleet expanded, 20 new jobs
 - DHL Hub Leipzig: 4,900th employee recruited (500 new jobs last year)
- 2016** – DHL Hub Leipzig: 4,400th employee recruited
 - Amazon: €1.2 million invested in new handling equipment
- 2015** – Kühne + Nagel: Second phase of pharmaceutical logistics centre opened
 - Network 2020 restructured

- 2014** – DHL Hub Leipzig: First section of the new sorting depot 40,000 sqm in size opened
 - GVZ freight village: REWE's fresh produce centre opens
 - DHL: Life Sciences and Healthcare Centre of Excellence opened
- 2013** – A72: Leipzig–Chemnitz–Hof motorway completed from Borna (Leipzig linked to Borna by B95 dual carriageway)
 - DSV opens in Leipzig to handle logistics for dm pharmacy chain
 - City-centre railway tunnel opened in Leipzig
 - DB Schenker: Expansion, 500 new jobs
 - Deutsche Hendricks Logistik GmbH opens
 - Dräxlmaier: Expansion, 150 new jobs



Members of the Leipzig–Halle Logistics Network



The Leipzig–Halle Logistics Network was awarded the 2013 Bronze Label for Cluster Management Excellence by the European Secretariat for Cluster Analysis for its extensive cluster benchmarking.

– www.cluster-analysis.org



Owing to its outstanding cluster work, in 2013 the Leipzig–Halle Logistics Network joined both the Federal Ministry for Economic Affairs and Energy's goCluster initiative and the Cluster Platform Germany.

– www.clusterplattform.de

Leipzig–Halle Logistics Network: Expertise for logistics in central Germany

The Leipzig–Halle Logistics Network has stood up for the interests of the logistics sector in central Germany since 2008. With currently 122 members, it represents the main players in the region – not just logistics providers but also local authorities, business chambers, research centres and establishments of higher education. Its aims are to promote the members' joint business development and provide new stimulus through innovation and know-how transfer.

In 2016, several measures were drawn up to boost the region's competitiveness by expert groups on human resources, logistics cooperation, marketing and innovation. In particular, they included schemes to counteract the skills shortage in the sector. For example, the network regularly holds logistics job fairs with Leipzig/Halle Airport and

other members in order to present the many opportunities in the sector to both young adults and people seeking a change of career.

Efforts continued in 2016 to expand and develop cooperation. Networking with the German–Russian Business Alliance and the Saxon Port and Transport Association has helped to improve expertise and create new participation opportunities. And by appearing at key logistics expos such as transport logistic in Munich and the International Transport Forum, the network also campaigns for central Germany's logistics industry – and hence strengthens one of the region's most important sectors.

– www.logistik-leipzig-halle.net

International Transport Forum remains in Leipzig until 2020

The International Transport Forum (ITF) – the world's leading annual discussion platform in the transport sector – will continue to be held in Leipzig until 2020. Every year, it is attended by over 1,200 delegates representing politics, industry and research in around 70 states. In 2017, the ITF was held under the banner of 'Governance of Transport'. The participants included transport ministers, deputy ministers and permanent secretaries from the OECD member states as well as representatives of international transport organizations, the business community and professional associations.

– www.internationaltransportforum.org

Research into logistics at Leipzig University

The Logistics Living Lab is an open space for innovation, demonstration and collaboration set up to counter tomorrow's logistics challenges with cutting-edge information systems and technology. A systematic research process brings logistics specialists from industry, science and public administration together to make tomorrow's logistics more efficient, greener and safer.

– www.logistics-living-lab.de

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DHL's hub at Leipzig/Halle Airport

In 2016, the expansion of DHL's European air freight hub at Leipzig/Halle Airport was completed. The new sorting depot is 40,000 square metres in size, nearly twice as big as the old one. The additional space and the introduction of new sorting equipment have boosted the handling capacity for express mail by about 50% to 150,000 consignments per hour. Since starting work on its hub in 2008, DHL has invested a total of €655 million there. The expansion programme alone cost €230 million and has created 1,300 new jobs. All in all, over 4,900 people are employed at DHL's Hub Leipzig, more than 700 of whom work for European Air Transport GmbH, DHL's aviation arm. EAT is chiefly responsible for operating, servicing and maintaining DHL's own freighter fleet and currently

manages about 75 aircraft at Leipzig/Halle Airport. EAT's 250 or so pilots fly Boeing B757s and Airbus A300-600s, mainly on the network's European routes.

New DHL Life Sciences and Healthcare Centre of Excellence

DHL Global Forwarding, the air and sea freight specialist of the Deutsche Post DHL Group, opened a new logistics centre for the pharmaceutical industry in September 2014 on the doorstep of Leipzig/Halle Airport. It is primarily used to handle temperature-sensitive air freight. Built at a cost of about €3.4 million, the new logistics centre has created 30 new jobs.



AeroLogic: Express freight for the world market

AeroLogic GmbH, a joint venture set up by Lufthansa Cargo and DHL Express, operates one of the world's most advanced fleets of intercontinental freighters at Leipzig/Halle Airport comprising nine Boeing 777Fs. The cargo carrier currently flies over 45 different routes to 21 destinations in Asia, the Middle East and North America. It links the transport hubs of Leipzig and Frankfurt to the main global destinations of its two parent companies. AeroLogic delivers some 2,000 tonnes of mostly time-critical express freight for Lufthansa and DHL every week.

— www.aerologic.aero

European maintenance base for the world's biggest aircraft from Antonov and Boeing

In line with its EASA, FAP, BDCA and FAA certification, Aircraft Maintenance and Engineering Service GmbH (AMTES) provides maintenance and repair services for Boeing 747s (-200/-300/-400/-8F), Boeing 777s (-200/-300), Boeing 737s (-300/-400/-500/-600/-700/-800) and the Antonov A320 family in line maintenance. In addition to a C14 rating (wheels and brakes), the company also has C4, C8 and C20 ratings (Structure Repair Shop).

— www.amtes.de



DB Schenker: Diversity is key

At its sites in the Leipzig region, Schenker Deutschland AG is excellently poised to offer suitable solutions to its clients' individual requirements. It delivers a full range of logistics services, including air and sea freight, overland transport, trade shows, special transportation and contract logistics. At Schenker Deutschland AG's largest logistics terminal, 1,100 employees pack car parts ranging from airbags to shock absorbers for shipment to BMW assembly plants abroad. Elsewhere, DB Schenker handles the just-in-sequence delivery of components to vehicle manufacturers' production lines. Industrial customers also appreciate DB Schenker's outstanding services. For instance, it organizes the supply of spare parts throughout Europe for Vestas wind turbines and in-house logistics for Jungheinrich. Other clients benefit from DB Schenker's logistical expertise at its shared logistics centre.

— www.dbschenker.com



Amazon.de

Amazon has operated its own fulfilment centre in Leipzig since 2006. Same-day deliveries to customers in Berlin, Dresden and Leipzig are effected from here. Thousands of items are stored on an area of some 75,000 square metres – as big as eleven soccer pitches! Amazon in Leipzig currently has a headcount of nearly 2,000 in various areas ranging from dispatch workers and IT specialists to HR officers. As well as participating in sandwich degree programmes, employees are also offered in-house traineeships. Leipzig is an important link in Amazon's European logistics network currently comprising 31 fulfilment centres.

— www.amazon-logistikblog.de
— www.amazon-jobs.de

Kühne + Nagel

Kühne + Nagel is one of the most successful corporations in the global logistics industry. At its ultramodern KN Pharma Campus in Leipzig, which is designed for handling pharmaceuticals and fitted with 20,000 square metres of storage space (36,000 pallets) divided into two temperature-controlled zones (15–25°C and 2–8°C), manufacturing or 'late postponement' concepts are implemented for pharmaceutical companies. They include activities such as repackaging medicines, bundling, labelling, folding and the addition of package inserts depending on the target markets. This is an enormous help to pharmaceutical companies since they no longer have to incorporate these steps into their own manufacturing processes. Moreover, they can respond very flexibly to country-specific demand and amended regulations, for example regarding the identification of active ingredients or the appointment of different distributors in the destination country.

— www.kn-portal.com



The following firms have moved into the former Quelle building:

- momox
- Rudolph Logistik Gruppe
- DB Intermodal Services GmbH
- TI Automovie GmbH
- SODEXO Catering
- DB Schenker AG
- Spedition Friedrich & Sohn
- Atos Origin GmbH

momox.de

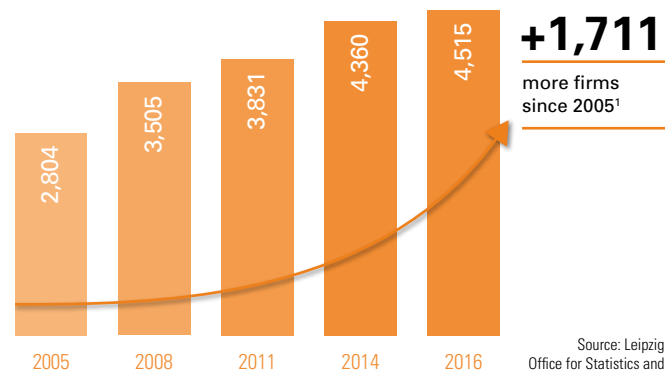
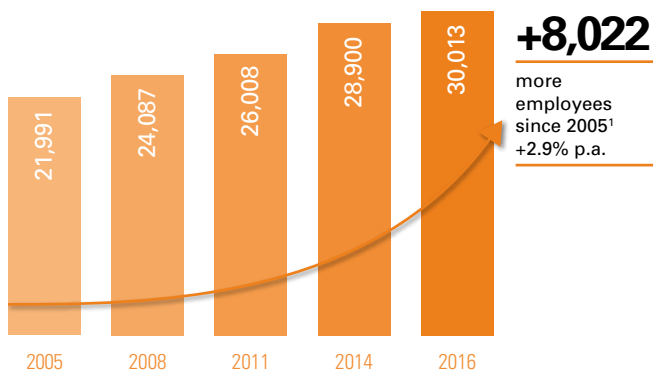
momox GmbH is Germany's leading recommerce provider of books, DVDs, Blu-Rays, CDs, video games and clothing. The online trade-in and second-hand store is also one of the world's biggest sellers on eBay and Amazon. momox currently employs more than 1,200 people at its three locations in Leipzig, Berlin and Stettin (Poland). In 2016, momox boosted its profits by 55% to €6.8 million. At its biggest fulfilment centre on the former Quelle site in Leipzig, more than 700 employees handle the logistics of buying and selling various media products. Over 8 million items are stored on 60,000 square metres – and they're joined by as many as 100,000 new articles (and counting!) every day. Therefore, momox is always on the look-out for additional staff – and not just at its giant warehouse next door to the Leipziger Messe expo centre.

— www.momox.biz

The media and creative industries sector is one of the driving forces behind Leipzig's economic success. Comprising several sub-sectors, it's closely linked to the rest of the economy and acts as a creative catalyst. It combines cultural and artistic ideas and products with technological and scientific creativity, making the Media & Creative Industries Cluster a new, high-growth key industry.



Media & Creative Industries



Source: Leipzig Office for Statistics and Elections, calculations by Leipzig Office for Economic Development

¹ Businesses and single-location businesses with employees subject to social security two years prior to the year under review and single-location businesses with no employees but with taxable revenue from products and services two years prior to the year under review in Sections B–N and P–S of WZ 2008.

Milestones in the development of Leipzig's Media & Creative Industries Cluster

- 2017** – Verivox: Price comparison portal opens Leipzig branch
- HL komm Telekommunikations GmbH builds data centre
- Deutsche Telekom AG builds new office complex
- 2016** – COMPAREX AG opens new €5 million office building
- Giesecke & Devrient invests eight-figure sum and concentrates its German banknote printing operations in Leipzig
- Generali Deutschland Services GDS: Leipzig branch opened, 30 employees – 100 employees by 2017
- Bosch Service Solutions GmbH: Leipzig branch opened, 200 jobs
- 2015** – Leipziger Messe: 850th anniversary
- Kongresshalle reopened
- 2014** – C.F. Peters: Music publisher relocates from Frankfurt, creating a single head office in Leipzig
- 2013** – International Supercomputing Conference held in Leipzig
- 2012** – German National Library celebrates its centenary
- 2011** – Deutsche Telekom: Customer service centre opened
- 2010** – Leipziger Verlags- und Druckereigesellschaft: Premises converted and expanded
- Softline AG and Softline Solutions GmbH relocate to Leipzig
- 2009** – buw customer care operations Leipzig GmbH opened
- 2007** – Competence Call Center Leipzig GmbH founded
- 2006** – DATA-team GmbH makes Leipzig branch its head office
- Villa Ida Media Campus (home of Leipzig School of Media gGmbH) opened

One cluster, seven sub-sectors

Leipzig has outstanding attributes. It's known as the city of Bach – and a centre of commerce. A city of art and music. A city of industrialization with plenty of room for investment. And of course as the city of freedom and the Peaceful Revolution.

People who want to shape the world around them always feel at home in Leipzig. The city's Media & Creative Industries Cluster with its seven sub-sectors – information and communication technologies, printing and publishing, broadcasting and film, arts and music, advertising and PR, architecture and design, and trade shows and services – is in a constant state of flux. Its participants continuously develop, design and present new visions, be it digital, on the silver screen, on the radio or the web, or with paint, music or words.

MTM Central German Media Festival

The MTM Central German Media Festival has been an important annual fixture for experts from the media, politics, business and higher education since 1999. The objective of the MTM is to contribute to the media debate concerning current developments in media policy, the media industry and media law. The conference is organized by a special committee whose members include the City of Leipzig, major broadcasters ZDF and MDR, the three regional media authorities in central Germany, and other media organizations. At over 30 individual events, prominent speakers discuss current issues and future developments in the industry, present innovative concepts, and also introduce new services. Furthermore, the conference addresses the development of the media in Europe and presents services for junior media personnel from central Germany.

Key events with a far-reaching impact

Trade shows, industry meetings and events of national and international importance such as the Leipzig Book Fair, Designers' Open, the IT Sector Conference, the Chaos Computer Club, DreamHack, the Central German Media Festival, DOK Leipzig and the Leipzig Film Art Fair all provide an outstanding opportunity to showcase the very latest products, findings and developments, and to talk shop with colleagues.

August 2017 saw the 3rd IT Summit in connection with the Central German IT Cluster. This multi-conference focused on Saxony's digital economy, one of the region's most important economic factors.

LEIPZIG

INFORMATION AND
COMMUNICATION TECHNOLOGIES

PRINTING AND
PUBLISHING

BROADCASTING
AND FILM

ARTS AND
MUSIC

ADVERTISING
AND PR

ARCHITECTURE
AND DESIGN

TRADE SHOWS
AND SERVICES

Pooling strengths: Networking for success

Networks such as the SLM Regional Agency for Commercial Broadcasting and New Media, MDM Central German Media Promotion, the Animation Working Group, the Central German Information Technology Cluster, the German Booksellers' and Publishers' Association, the Printing and Media Association for Saxony, Thuringia and Saxony-Anhalt, POLYGRAPH Leipzig, the VMPPR Association of Commercial Radio in Central Germany, and the Creative Leipzig Association are sources of information and support for those working in the Media & Creative Industries Cluster. A cooperation agreement between the City of Leipzig and SpinLab as well as close collaboration with the Social Impact Lab and Basislager Co-Working are all intended to sustainably strengthen the startup scene in Leipzig.

2017 Leipzig Book Fair: A unique celebration of literature

The annual Leipzig Book Fair is Germany's foremost spring meeting place for the printing and publishing sector. It's enormously popular among the general public, largely thanks to the inclusion of Leipzig Reads, Europe's biggest literary festival. This year, 285,000 visitors celebrated the words and works of 3,300 participants and nearly 2,500 exhibitors in 3,400 events held at the exhibition centre and other venues throughout the city. And with special guest Lithuania and the programme focus on Europa21, the 2017 Leipzig Book Fair was more political than ever.



Cluster website

Since 2014, the website www.kreativwirtschaft-leipzig.de has provided information about events and calls for tender as well as important facts about the cluster to all those working in the media and creative industries. An extensive database of local firms advertises their services. This popular website is coordinated by the Creative Industries Contact Centre and remains the first port of call for members of the cluster.

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DREFA launches LEAVR: Platform for virtual reality

LEAVR.Studio at media city leipzig is a unique virtual reality experience where all sorts of VR can be tried out. State-of-the-art VR technology is presented at LEAVR by a team from DREFA, Drefabrik and MCA together with partners working in hardware and software from industry and higher education. Focusing on entertainment, edutainment and business applications, LEAVR provides diverse applications in 360° as well as virtual and mixed reality. In addition to developing formats and services, LEAVR is to be established as a network platform in order to promote knowledge transfer and collaboration between different actors in the sector. Tickets and details:

— www.leavr.de

Training and research institutes in the Media & Creative Industries

- Leipzig University
 - Department of Computer Science
 - InfAI Institute for Applied Informatics
 - Institute of Communication and Media Studies
 - German Creative Writing Programme
 - CCT Centre of Competence for Theatre
 - Institute of Musicology
 - Institute of Business Informatics
- HTWK Leipzig University of Applied Sciences
 - Faculty of Computer Science, Mathematics & Natural Sciences
 - Faculty of Media
- HfTL Deutsche Telekom University of Applied Sciences for Telecommunications
- Saxon University of Cooperative Education
 - Department of Computer Science
- HGB Academy of Visual Arts
- University of Music and Theatre
- Leipzig School of Media
- Leipzig School of Design/ Leipzig College of Design
- Vitruvius University of Applied Sciences

mdr: Broadcasting to central Germany

Regional state broadcaster MDR – a member of the German public network ARD – provides a full TV channel and eight radio stations for Saxony, Saxony-Anhalt and Thuringia, including on DAB+. It's also in overall charge of the KiKa children's channel on behalf of ARD and ZDF and is responsible for many successful TV programmes shown on ARD. With a market share of 9.5%, mdr was the most successful regional channel in ARD in 2016. Twenty-five years after first going on air, MDR is well equipped for the future – as a multimedia broadcaster which is in close touch with the citizens of central Germany and offers them high-quality programmes.

— www.mdr.de

REGIOCAST: A German radio company

REGIOCAST is a radio company operating throughout Germany. Based in Leipzig, Kiel and Berlin, it runs several analogue and digital audio brands and has shareholdings in about three dozen radio broadcasters, radio marketers and other service providers in the media sector. At its Leipzig studios, alongside Radio PSR (the leading commercial station in Saxony), REGIOCAST runs the popular stations R.SA and ENERGY Sachsen as well as radio advertising company mir.). Actively shaping the future of radio, REGIOCAST offers exciting products for listeners, users and advertising partners from various economic sectors.

— www.regiocard.de
— www.mir-media.de

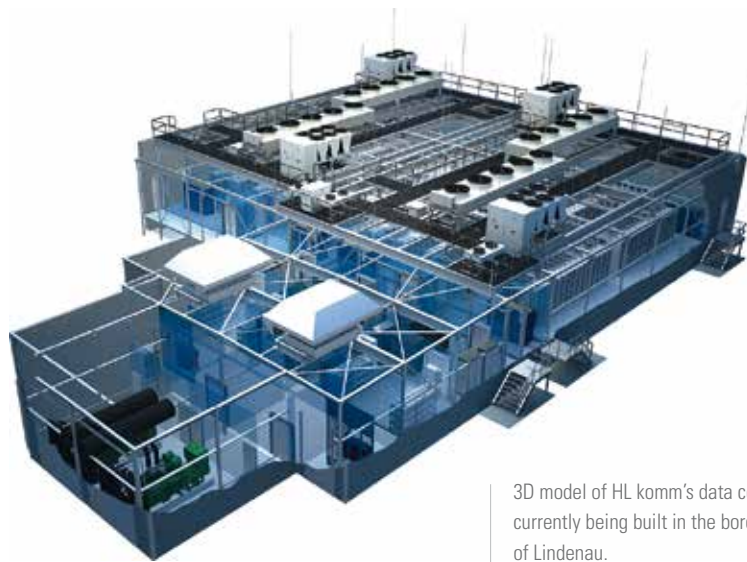
Cooperation agreement with Kreatives Leipzig

In November 2016, a cooperation agreement was signed by the association Kreatives Leipzig and the Leipzig Office for Economic Development. Under the agreement, actors in the sector and representatives of the local authority are now joining forces to support the sustainable development and marketing of both the cluster and Leipzig as an important regional centre of the creative industries. In addition to regular inter-departmental dialogue, joint events are held and strategic developments implemented.



Key players in Leipzig's IT sector

Nearly a third (29.5%) of the office space in Leipzig is occupied by firms in the information and communications sector. Leipzig's prominence in this regard is confirmed by substantial investments by well-known companies. For example, in December 2016, COMPAREX AG celebrated the opening of a new office building at its headquarters in Leipzig. The software contractor spent around €5 million on new working premises and a training centre required to maintain growth. In addition, the third data centre of HL komm Telekommunikations GmbH is now under construction in the district of Lindenau. Some 700 square metres of space for IT systems and another 500 square metres of office space are set to be completed by spring 2018. And Deutsche Telekom AG is building a new ultra-modern four-storey office complex in direct proximity to Leipzig Central Station, underlining the importance of the location.



3D model of HL komm's data centre currently being built in the borough of Lindenau.

German National Library: Analogue and digital

The German National Library is one of the twelve biggest libraries in the world. Its 32.7 million items include not just books but also records, CDs, newspapers and university manuscripts. In recent years, its stocks have increasingly been supplemented by electronic publications such as e-books. Publishers upload them directly to the library's server, where they are automatically logged.

The German National Library's many services include helping develop standards for long-term digital archiving, operating a URN service for the addressing of digital objects, and assisting libraries with the licensing of digital copies of out-of-print works. Bibliographical data can be used by other service providers thanks to several professional data interfaces.

— www.dnb.de

etage8: Distinguished style

etage8 GmbH, a Leipzig furniture design company, has been presented with the Saxon Founder Award 2017, officially making it the best startup in Saxony. Experts were particularly impressed by its table named HALT. The firm has also collected three other prestigious prizes: the German Design Award, the Universal Design Award and the Red Dot Award. HALT is part of the MOR-MOR collection, an in-house brand developed by etage8 GmbH. The tables, chairs and cabinets in this functional range come with handy grips so that users can remain mobile and active. The MOR-MOR collection is suitable for both private homes and public facilities.

— www.etage8.com



pioneer communications

pioneer communications is a full-service agency developing innovative, creative communication solutions from strategies to public relations and social media to crisis consulting and creative advertising. Originally founded ten years ago as a traditional PR agency in Leipzig, the company now employs more than 50 people at its branches in Leipzig, Berlin and Dreilinden and also operates abroad. Current clients include eBay Germany, Media-Saturn-Holding, COMPAREX, Mozilla, BlackBerry and PAYBACK as well as a string of regional clients.

— www.pioneer-communications.de

MDM: Promoting the media

MDM Central German Media Promotion has supported economically promising film and media productions in central Germany in all project phases since 1998. The City of Leipzig and MDM are joint hosts of an annual conference designed to fly the flag for Leipzig and central Germany as a production location for audio-visual media, conduct networking outside the region, and intensify the possibilities of cooperation between industry representatives from the region and abroad.

Arts and music: Leipzig's free spirit

World-class culture and a vibrant fringe scene both have firm roots in Leipzig. The city's painters, musicians, dancers and actors generate a cultural momentum which inspires creatives, electrifies audiences, and significantly contributes to the general quality of life in Leipzig. The sub-sector arts and music accounts for the highest number of businesses in the Media & Creative Industries Cluster and comes third in terms of employment, underscoring the high quality of Leipzig's free spirit!

Industrial sector looks to future with optimism

The situation in industrial companies in the Leipzig region continued to pick up in 2016, especially in the second half of the year. By 31 December, the current business index had reached 47 percentage points, 9 points higher than a year beforehand. In particular, incoming orders improved after a disappointing first six months.

In 2016, the total revenue of the 505 industrial companies¹ in the region covered by Leipzig Chamber of Commerce and Industry rose by about €100 million (9.7%) to €14.96 billion. However, only domestic sales increased, with exports down by 7.3% to €6.39 billion. The share of exports dropped to 42.7%.

A similar picture was recorded in the city of Leipzig. The 164 industrial companies subject to reporting saw their turnover increase by just 0.1% to €9.95 billion in 2016, while foreign sales fell by 10.2% to €5.02 billion. Even so, average employment in the industrial sector grew. In the Leipzig region, the average number of employees throughout the year climbed by 1.6% to 44,974, while in Leipzig itself there was a 2.7% increase to a total of 21,691.

After a difficult 2016, the prospects of industrial companies have substantially rallied. The business expectations index has risen to 19 percentage points, 6 points higher than a year previously. Export forecasts in particular have continued to climb due to the improved economic environment abroad. Given these optimistic predictions, not to mention the prospect of higher sales, employers are substantially boosting their investment and recruitment planning, with a quarter of all companies intending to take on additional staff.

¹ Companies subject to reporting requirements with 20 or more employees
Sources: Economic Report by Leipzig Chamber of Industry and Commerce, 2017; Saxon Department of Statistics



One of Oscar Niemeyer's final designs destined for Kirow

One of the final factory buildings to be designed by Brazilian celebrity architect Oscar Niemeyer is being built in Leipzig. This futuristic orb made of reinforced concrete is being added to Kirow's plant in the district of Plagwitz. Reflecting the Brazilian lightness of being, the giant spherical annex will house a restaurant and also a bar, and is scheduled to be inaugurated in October 2018.



Kirow Leipzig: The global leader in railroad cranes

Kirow Ardelt GmbH is a mechanical engineering company based in Leipzig. It's the world market leader in railway cranes and also produces transport systems for shipyards and foundries. Kirow Ardelt and Kocks Ardelt Kranbau both belong to the Kranunion Group, which is also based in Leipzig. Approximately 200 employees work at the Leipzig site. Kirow's products are based on its wealth of experience from more than 130 years of design and construction as well as its cutting-edge approach borne out by winning the Saxon Innovation Award.



Skilled trades enjoy record business

The outstanding state of business among the skilled trades in the Leipzig region is continuing. Business is currently described as good by 55% of firms with just 7% rating current operations as poor. Moreover, expectations remain high, with 62% of employers predicting business will stay buoyant and just 4% anticipating poor turnover. The resulting business climate index rose slightly on the previous year to 94.6 points, prompting firms to increase their recruitment targets. Incoming orders and orders on hand have also climbed. In the construction and finishing trades, orders on hand are currently above average and amount on average to 7.8 weeks' work, while 45.6% of all firms have their hands full for at least the next 12 weeks. Capacity utilization has risen over the previous year, reaching an average of 84.9%. Although turnover throughout the skilled trades as a whole has slightly declined, an increase is expected in Q3 2017. Among building firms, 60.8% of revenue is generated by housing construction. And investments have been carried out by seven out of ten firms.

Regional strength in Germany's most diverse sector

All in all, 11,868 skilled trades firms are registered with Leipzig Chamber of Small Industries and Skilled Trades, including 5,124 in the city of Leipzig itself (31 December 2016). With 9.1 firms per 1,000 inhabitants, the density in Leipzig is below that of the region as a whole (11.7). A quarter of skilled trades firms in the Leipzig region – 2,241 of the 9,142 owner-managed businesses – are successfully managed by a woman.

The potential of skilled trades

Skilled tradespeople starting new businesses or taking over existing ones have enormous economic potential. Every year, more than 250 tradesmen and 50 tradeswomen take master craftsperson qualifications with Leipzig Chamber of Small Industries and Skilled Trades, making a total of 7,741 since 1992. Almost half of them went on



to set themselves up in business. They now employ about 20,000 people and have to date trained more than 2,000 apprentices.

However, startup activities in skilled trades in the region are declining for several reasons. For one thing, thanks to low unemployment, potential founders are less inclined to set themselves up in business. This trend is felt across the board, with the number of startups last year rising solely in the construction and finishing trades.

Bonus for startups

The City of Leipzig provides grants of €2,500 to people with master craftsperson qualifications who start a business for the first time or take over an existing firm. By June 2016, 57 master craftspeople had received this subsidy from the City of Leipzig under its programme for growth and expertise in SMEs. Last year, grants were awarded in the area of construction and finishing, to electricians and metalworkers, and to health and personal care.

The future of the skilled trades was addressed by the 20th Central German Handicrafts Fair. Under the motto "Welcome to the Professionals – Careers with an apprenticeship in the skilled trades", trainees and employees from the Leipzig guilds showcased their work at the training stand hosted by the Chamber of Small Industries and Skilled Trades. Among the 175,000 interested visitors were Uwe Albrecht (Deputy Mayor of Economic Affairs and Employment, left) and Claus Gröhn (President of Leipzig Chamber of Small Industries and Skilled Trades, third from left).

Skilled Trades Day: On 17 September 2016, around 15,000 visitors joined the 12,000 firms in the Leipzig region to celebrate Skilled Trades Day on Augustusplatz.



Aischmann is a reliable SME in the mechanical engineering industry. The photo shows Uwe Albrecht and Claus Gröhn visiting the firm.

Contact

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In 2016, the Leipziger Messe Group achieved record turnover – and also hosted a record 278 events.

Leipziger Messe: Record turnover in 2016

2016 proved to be an outstanding year for Leipziger Messe. Turnover rose by €17.4 million to a new record of €97.3 million. A total of 35 trade shows, 195 conventions at Congress Center Leipzig and Kongresshalle at Leipzig Zoo, and 48 special events also set a new high of 278 events altogether. Moreover, the Leipziger Messe Group welcomed over 9,500 exhibitors and about 1.2 million visitors in Leipzig as well as at other domestic and international locations.

Success borne by the entire Leipziger Messe Group

This record turnover was down to strong trade show activities, outstanding conventions and conferences, and also the very positive results of all the group's subsidiaries, with record figures notched up by CCL, fairgourmet, FAIRNET, Leipziger Messe Gastveranstaltungen and Leipziger Messe International. The start of the year was dominated by several new records. For example,

In the first year after its refurbishment, Kongresshalle at Leipzig Zoo also became the new home of the Designers' Open.





growth was enjoyed by the Leipzig Veterinary Congress, horse show PARTNER PFERD, HOME-GARDEN-LEISURE, Beach&Boat, the Central German Handicrafts Fair, the Leipzig Book Fair, Manga-Comic-Con, CosmeticBusiness, and OTWorld (the International Trade Show and World Congress for Prosthetics, Orthotics and Rehabilitation Technology). These record-breaking trade shows and conventions were followed by other successful events. Apart from the astonishing RoboCup, which displayed the future of robotics at the expo centre, Leipziger Messe's popularity is underlined by exhibitions like model-hobby-games, which draws over 100,000 visitors. Successful trade fairs such as denkmal (Europe's leading exhibition devoted to heritage preservation and restoration) and MUTEK (the International Trade Fair for Museum and Exhibition Technology) confirm the Leipziger Messe Group's portfolio strategy. The Designers' Open was held at Kongresshalle at Leipzig Zoo for the very first time, its new setting creating a sensation in the design world. The successful launch of CosmeticBusiness Poland in Warsaw demonstrated the ability of the Leipziger Messe Group to quickly identify and serve new markets not just in Germany but also abroad.

Excellent team spirit

In 2016, the Leipziger Messe Group achieved a special triumph in terms of customer care when it was voted top for the third time in a row in Germany's biggest trade show industry survey, earning it the title of service champion. After 2015, Leipziger Messe's superb infrastructure and service expertise once again provided the basis for humanitarian aid for the initial accommodation of asylum-seekers, who were housed on Outdoor Exhibition Area 2 from December 2015 until mid-May 2016.

CCL, Kongresshalle and subsidiaries important pillars of success

CCL, Kongresshalle and all of Leipziger Messe Group's subsidiaries enjoyed flourishing business with increased turnover in 2016. The year saw the highest turnover ever for the company's convention business at CCL and Kongresshalle. Highlights included important German and European medical conferences attended by thousands of delegates. During its first year of operation by CTL, Kongresshalle hosted a total of 122 events attended by nearly 64,000 people. Catering specialist fairgourmet also recorded its best results ever since it was founded 20 years ago, partly thanks to developing a number of new B2C services such as the sale of homemade delicacies to retailers in Leipzig. FAIRNET, now also 20 years old, notched up record revenue, too, of over €30 million. One

key factor in this was the high number of conventions in 2016, FAIRNET doing brisk business not only in Leipzig but also in Düsseldorf and at trade show venues abroad. Leipziger Messe Gastveranstaltungen, which supervises events hosted by external organizers, also saw revenue rise to a new high thanks to a packed programme and increasing numbers of visitors. Leipziger Messe International (LMI), too, had a busier programme of trade shows and its most successful year ever, doubling its turnover compared to 2015. It staged a total of 42 joint presentations and cooperation projects abroad on behalf of federal and regional governments. Meanwhile the MaxicoM Euro-Asia Business Center signed new leases with 19 businesses. At the end of the year, MaxicoM was 88.6% let with 60 tenants operating on premises totalling 12,226 square metres.

[_ www.leipziger-messe.de](http://www.leipziger-messe.de)



The high-tech prosthetics displayed at OTWorld went down a storm with visitors (left).

Once again, model-hobby-games delighted visitors with a blend of variety, fascination and inspiration (right).

The RoboCup was one of the highlights of 2016.

Contact

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New branch for Generali Insurance

Generali, Germany's second-largest primary insurer, opened its new offices in Leipzig on 1 October 2016. Beginning with about 30 members of staff, by mid-2017 this new branch had a workforce of about 100. "When weighing up criteria such as the labour market, real estate and infrastructure, Leipzig came out on top," explained Dr Robert Wehn, CEO of GDS.



Serving a wide variety of business customers

Bosch opens business service centre

Stuttgart electronics giant Bosch opened a centre for business services in Leipzig in May 2016. Having already created 200 jobs at its fourth branch of Bosch Service Solutions, more staff are set to be taken on over the next few years.

In 2016, 34 young men and women embarked upon a career at Sparkasse Leipzig.

Service sector continues to grow

In 2016, the service sector continued its healthy development, paving the way for its current buoyancy. The number of companies where turnover and yield improved clearly outstripped those where business declined. Accordingly, the business climate balance rose to +55 points, almost the same as at the end of 2017. Prospects for the coming months remain optimistic with 28% of service providers expecting their current circumstances to improve in 2017. The balance of business expectations in spring 2017 was 19% – exactly the same level as in spring 2016 and confirming businesses' optimistic forecasts at the start of the year anticipating growth. Moreover, almost 35% of firms expect to see their turnover rise this year. Although investment planning is slightly down, recruitment planning among service providers shows increases with more than one in four businesses intending to take on staff and just 7% expecting layoffs.

Source: Economic report published by Leipzig Chamber of Industry and Commerce, 2017



City of justice

There are currently over 1,600 lawyers, 22 notaries, and numerous judges working at the courts in Leipzig such as the local, financial, labour and social courts, the Saxon Constitutional Court, the regional court, the Fifth High Criminal Court of the German Supreme Court, and the German Administrative Court, underlining Leipzig's reputation as a centre of justice.

Sparkasse Leipzig:

Reliable, committed, on the doorstep

Local bank Sparkasse Leipzig has been in existence for over 190 years. Its philosophy has always included proximity to customers, creating value for the regional economy, and supporting the common good. Every day, about 600,000 customers rely on Sparkasse for their finances. They use the biggest network of branches and self-service terminals of any bank in Leipzig as well as the districts of Greater Leipzig and North Saxony. Customers can also avail themselves of two travelling branches as well as phone and Internet banking and now even a Sparkasse banking app.

Sparkasse Leipzig is the foremost financial partner for personal and business customers in the region. In 2016, it granted loans with a total volume of €956.7 million to firms, individuals and local authorities. For the first time, total lending that year exceeded €4 billion. About 64% of new loans were to business customers, making Sparkasse Leipzig an important catalyst for the regional economy. At the end of the year, Sparkasse Leipzig had a balance sheet total of over €8.51 billion and a headcount of 1,637, making it one of the region's biggest employers.

Sparkasse Leipzig's closeness to the region is reflected in its social commitment. In 2016, the bank donated over €5 million to about 900 charitable causes in its local area.



Retail: More upbeat than ever due to consumer spending

Thanks to good Christmas trade, the local retail sector substantially picked up in late-2016, surpassing the record figures achieved a year beforehand. Near half the retailers in the Leipzig region (48%) reported that business was good, accounting for the rise in the current business index to +41 points. Consumer spending was buoyed by stable employment, rising incomes and low interest rates. Moreover, the wholesale trade enjoyed healthy development in Q4 2016 after a dip in the autumn. Wholesalers' assessment improved as a result, their current business situation index rising to +39 points, just shy of last year's record score.

Retailers' business expectations rose, too. The sector's high expectations were fuelled by the positive development of the labour market and the related hopes for a continued increase in purchasing power. Consequently, the business expectations index reached a new peak of +20 points. The outlook also remained optimistic in the wholesale sector, where the business expectations index climbed by 7 points to +10. Given the positive expectations concerning demand among both consumers and commercial customers, wholesalers looked set to benefit as demand rises across the board.

Source: Economic report published by Leipzig Chamber of Industry and Commerce, 2017



The compact city centre is rich in historical buildings, the city's architecture being largely characterized by about 30 arcades and courtyards. In addition to two department stores and two city-centre shopping malls, Leipzig is distinguished by a relatively low density of chain stores compared to the rest of Germany. In fact, about half the shops in the town centre are owner-managed. Petersstrasse and Grimmaische Strasse are the two prime locations – and also the most successful shopping streets in the region of Saxony.

Leipzig has most attractive city centre in Germany

In a survey conducted among 58,000 visitors to 121 city centres by the IFH Cologne Institute of Retail Research, Leipzig easily came out on top, achieving first place not only among cities with over 500,000 inhabitants but also overall. The study was one of the largest data-driven studies on the future of city centres in Germany and delivered results on aspects such as:

- Visitor structure and customer behaviour
- Location accessibility
- Requirements and wishes of visitors to the city centre
- Information on unused potential and product gaps
- Data on the significance and impact of e-commerce on the city centre



Classic Open

Classic Open is an essential part of summer in Leipzig! For a few days every August, the marketplace is transformed into a huge concert garden when impresario Peter Degner organizes appearances by world stars in Leipzig – to the delight of the 100,000 excited spectators. As well as live performances, video recordings of legendary classical, jazz, rock and pop concerts are beamed onto a giant screen.



International cuisine: A mouth-watering choice



Barfussgässchen, Fleischergasse and Kloostergasse in central Leipzig are all full of bars and restaurants serving a wide range of cuisine.

In Leipzig, visitors are spoilt for choice when it comes to eating out. There are 2,093 restaurants, bars and cafés with total seating for about 85,000, including around 14,000 in the city centre and the streets nearby. They range from simple bars to gourmet restaurants serving Saxon and international cuisine. And when the weather's fine, the additional outdoor seating for 18,000 customers allows visitors to dine alfresco and watch the world go by. One typical feature of Leipzig is the various districts of bars and restaurants, such as Drallewatsch starting on the marketplace and continuing along Barfussgässchen, the bistros, bars and cafés in Theatreland, and Connewitz in south Leipzig. All in all, guests are welcomed by Leipzig's some 9,800 restaurateurs and landlords and their staff. The oldest part of Leipzig in the area around Barfussgässchen provides an impression of just how compact the architecture in the city centre used to be.

Renaissance, baroque and fin-de-siècle buildings nestle cheek by jowl with picturesque spots and winding arcades. Some of Leipzig's restaurants are closely associated with historical celebrities, such as Auerbachs Keller, where part of Goethe's Faust is set, and Zum Arabischen Coffe Baum, which used to be frequented by local luminaries such as Goethe, Lessing, Wagner and Schumann.

Délice: Network of good food cities of the world

Leipzig is a member of 'Délice – network of good food cities of the world', an international network initiated by twin town Lyon which pursues various culinary themes from its headquarters in Brussels. Activities range from marketing towns and cities from a culinary angle to promoting regional products and ideas for everyday meals for children.





Top marks for Leipzig

Leipzig is profiting from the growing popularity of mini-breaks in Germany. The biggest customer survey ever by the IFH Cologne Institute of Retail Research even found Leipzig to have the most attractive city centre in Germany. Combined with its image as an up-and-coming city, there are certainly plenty of reasons to visit Leipzig!

Tourism in Leipzig continues to rise: Record numbers of visitors in 2016

Leipzig: A magnet for visitors

Leipzig remains a top destination and is becoming increasingly popular among tourists. Breaking records for the eleventh year in a row, arrivals in 2016 rose by 2.4% while overnights increased by 2.5% compared to 2015. In fact, with 2.9 million overnight stays, this was the best year ever for Leipzig's tourism industry. Moreover, the total number of overnights in the entire Leipzig region made up of the city and its surroundings was higher than anywhere else in Saxony.

Kongresshalle: A big attraction

Local tourism board Leipzig Tourismus und Marketing GmbH (LTM) conducts extensive marketing in Germany and abroad. Conventions, conferences and special events attract additional groups of visitors to the city. Following its refurbishment, the reopened congress

hall at Leipzig Zoo ('Kongresshalle am Zoo') has more than lived up to expectations, hosting 122 events with around 64,000 delegates in 2016. Major events such as the 100th German Catholic Convention in Leipzig and the promotion of football team RB Leipzig to the Bundesliga have generated additional visitors and placed Leipzig in the media spotlight.

Increase in international visitors

In 2016, visitors to Leipzig could choose from 127 hotels with a total of 14,864 beds (up from 14,798 in 2015). As in the previous year, the average stay was 1.8 days. Among visitors from abroad, the biggest group came from the UK (15.2% of all overnight stays by foreign guests), followed by the USA and Switzerland. Meanwhile, the largest surges were recorded among visitors from Belgium and the Netherlands.



This year's Leipzig Bach Festival (9–18 June 2017) was held under the banner of 'Music and the Reformation'.



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Major projects in Leipzig (selection)

- Extension of Karl Heine Canal
- Construction of new integrated fire station
- Construction of preschool centres
- Construction of schools
- Redevelopment and building work at Leipzig University Hospital
- New office block for reconstruction bank Sächsische Aufbaubank

(See pages 100–101)

Full order books for the construction industry

The upbeat mood in the construction industry in the Leipzig region remained buoyant at the end of 2016. Rising orders and turnover caused the current business index to climb by 19 to 62 percentage points, higher than in any other sector. And one in three construction firms saw their profitability improve.

The official statistics confirm the positive development in 2016. The total turnover of the 139 construction companies¹ in the Leipzig district rose by more than €80 million compared to 2015, reaching €1.224 billion. This increase was largely accounted for by the 46 construction firms based in Leipzig itself, where revenue leapt by nearly 20% to €487 million. Incoming orders developed equally healthily, rising by 15.7% in the area covered by Leipzig Chamber of Industry and Commerce to €1.208 billion, and in the city of Leipzig by over a third to €486 million. Owing to this good business, the average workforce throughout the year increased at building companies based in Leipzig. With the number of building

contractors registered in Leipzig growing by six, their total headcount rose by nearly 15% to 3,389. But since the total number of employees in the two other districts of Greater Leipzig and North Saxony fell by 88, the total workforce in construction in the Leipzig region only grew by 344 to 8,015.

The spring recovery in 2017 provided another boost. With incoming orders generally on the rise, construction companies are raising business forecasts, pushing the business expectations index up 2 points to 20 percentage points. Given this high demand, firms' long order lead times are expected to increase even further and many companies are working at full capacity. As a result, demand for personnel is rising strongly, with 29% of building contractors – more than twice as many as a year ago – planning to hire additional workers.

¹ Companies subject to reporting requirements with 20 or more staff.
Sources: Economic Report by Leipzig Chamber of Industry and Commerce, 2017; Saxon Department of Statistics

A new prime development has been built in Leipzig's prime district. The six-storey Bernsteincarré contains flats and shops and is located on one of the last available brownfield sites in central Leipzig: the final corner at the Museum of Fine Arts. Thanks to its contemporary style and well-proportioned façade, Bernsteincarré fits into the historically evolved city centre and is reminiscent of Leipzig's proud heritage of exhibition buildings.





Agriculture on the edge of town

Leipzig's spatial structure allows for intensive farming on the outskirts, agriculture making its own unique contribution to the city's economic profile. One major challenge is to mitigate conflicts of interest between different land users.

Waterlogged farmland

For the area of Leipzig, the update of the Agricultural Structural Development Plan 2013 includes the introduction of measures to resolve conflicts regarding the cultivation of agricultural land. One very important factor is the water regime in north Leipzig. The extensive industrial activity there since 2000 has been accompanied by the large-scale paving-over of land previously used for farming. Rainwater landing on these commercial sites needs to be diverted into separate systems to avoid putting a strain on existing sewers. Since then, farmers on neighbouring farms have reported that in some cases fields have become waterlogged because excess water is not being discharged properly, a problem which is by no means encountered only after severe rainstorms.

This issue has been exacerbated by the fact that Leipzig is a post-mining landscape. Whereas for decades, the groundwater was artificially lowered to allow lignite mining to proceed, since the discontinuation of mining it has now risen again.

The solution: A drainage register

Therefore, the aim is to optimize the cultivation of agricultural land in response to the increasing competition for land use. This is to be done using a drainage register for the whole of Leipzig. In spring 2017, a local engineering firm was commissioned to compile this register. By collating data from various sources, drains, sewers and outfalls were identified and listed in a database. This information can be shown graphically with the aid of GIS data. The information was then transferred to the LeipzigGIS program and a corresponding map of the city. In addition to the current situation, all repairs and ongoing changes can also be recorded. The results of this study are important for both the agricultural sector and the planning of future construction projects.

Leasing of farmland by the City of Leipzig

Representatives of the local authority and farmland tenants hold regular workshops not only in New City Hall but also on the farms themselves. The 15th workshop on Agriculture together with Agrarprodukte Kitzen. The farming cooperative is a land tenant and investor – and hence a long-standing contract partner of the City of Leipzig.



Farming Open Day in Saxony was held on 27 May 2017 at Agrarprodukte Kitzen's dairy farm. The exciting day was opened by Thomas Schmidt (Saxony's Minister of Agriculture) together with Hans-Uwe Heilmann (managing director of Agrarprodukte Kitzen) and Wolfgang Vogel (President of the Saxon Farmers' Association).

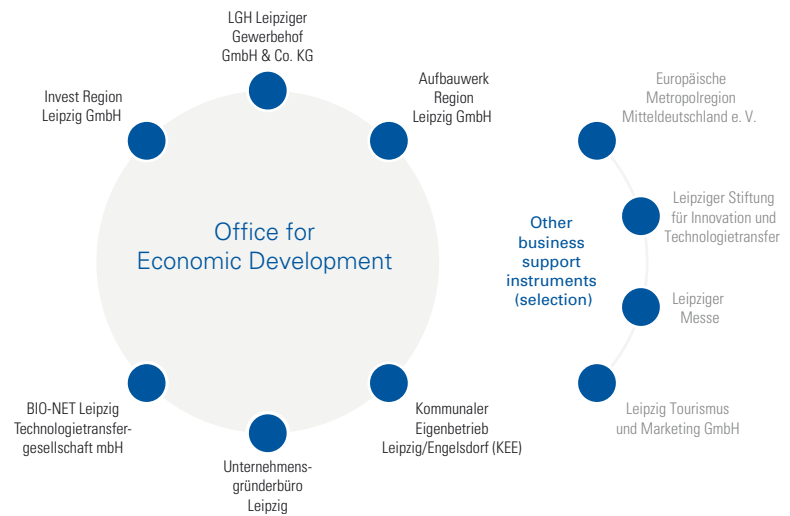
2016 was the first complete year in which the Leipzig Group – comprising the multi-utility, transport operator and waterworks – was fronted by the joint brand of a large yellow L. Whereas external activities focused on emphasizing this powerful municipal alliance in communication with customers, internal activities concentrated on consolidation and tapping synergy in order to save €10 million annually. This goal was achieved, boosting necessary investment by the Leipzig Group.

The yellow L takes effect



A welcome service provider for business

Business development in Leipzig is directly geared to local needs. Its USP is its focus on small and medium-sized enterprises – because the bulk of local companies are in this category and understandably lack the substantial internal resources of large corporations. Surveys and rankings confirm that Leipzig's proficiency in dealing with the needs of SMEs is growing all the time.



Leipzig's competition successes

2017 – Leipzig officially declared a Digital Hub

Leipzig and Dresden have both been declared Digital Hubs by the BMWi Federal Ministry for Economic Affairs and Energy. Under the BMWi's Digital Hub Initiative, the City of Leipzig, SpinLab Accelerator GmbH and the HHL Leipzig Graduate School of Management had applied for Leipzig to be one of Germany's twelve Digital Hub locations.

– Leipzig is Job Miracle No. 1 –

biggest increase in employment in Germany

Leipzig is Germany's number one in terms of employment growth. Between 2010 and 2015, the number of people in employment subject to social insurance rose by 17.2% to 248,952. In this comparison of Germany's 50 biggest cities, Germany even outstripped places like Berlin and Munich.

– Study: Leipzig has the most attractive city centre

Following a survey conducted among 58,000 visitors to 121 city centres by the IFH Cologne Institute of Retail Research, Leipzig easily came out on top and achieved first place not only among cities with over 500,000 inhabitants but also overall.

2016 – Financial Times fDi Magazine European Cities and Regions of the Future 2016/2017

Leipzig was one of the winners of the ranking European Cities and Regions of the Future 2016/17 drawn up by fDi Magazine. Leipzig was in the top ten of the categories FDI Strategy and Human Capital and Lifestyle.

– Financial Times fDi Magazine –

German Cities of the Future 2016/2017

A special ranking listing the Top German Cities of the Future. Listing all 317 cities and large towns in German, Leipzig came out above average and achieved third place in the category Cost Effectiveness of Doing Business.

– Leipzig/Halle Logistics Region placed third in Germany for the first time

A ranking compiled by the Bulwiengesa research institute put the Leipzig/Halle region in third place among Germany's 28 logistics regions, beaten only by Hamburg and Berlin. Leipzig/Halle did particularly well thanks to its tremendous momentum in the investment market and the general demand for premises.



Dr Michael Schimansky, head of the Office for Economic Development, accepts the awards for Leipzig in Cannes.

2016 – ShanghaiRanking: Leipzig University moves up

Leipzig University entered the top 200 universities in the world. In the Academic Ranking of World Universities 2016 (also known as the ShanghaiRanking), Leipzig was placed in the segment between 151 and 200, giving it a position among the top 14 in Germany.

2014 – Financial Times Group ranking – Leipzig in top ten in four categories

In its study entitled European Cities & Regions of the Future 2014/15, fDi Magazine published in London by the Financial Times Group placed Leipzig among the top ten locations in four categories. Special praise was reserved for Leipzig's more successful corporate investment strategy compared to other European cities and also its achievements in the category Human Capital and Lifestyle. Leipzig made its way into the top ten in the following categories:

- Top 10 Western European Cities – FDI Strategy (8th)
- Top 10 Large European Cities – Overall (7th)
- Top 10 Large European Cities – Human Capital and Lifestyle (8th)
- Top 10 Large European Cities – FDI Strategy (6th)

Partner for companies of all sizes



Martin Dulig (Saxon Minister of Economic Affairs, Labour and Transport) and Dr Michael Schimansky visiting a firm at Tapetenwerk Leipzig, which provides the cultural and creative sector with facilities for diverse projects.

Support for established mid-sized firms

The Office for Economic Development wears a variety of hats. Depending on the needs of medium-sized businesses, it functions as a guide, source of information, scout for solutions, coordinator, moderator, initiator, partner, financial backer – and frequently even crisis manager!

The assistance provided to established SMEs ranges from contact management and initial information to consulting on economic issues and the provision of business data, and also includes helping firms in negotiations with banks. All activities are geared towards finding practicable solutions.

Assistants and guides for business

Economic development in Leipzig boils down to three aims:

- Securing existing jobs and creating new ones, especially high up the value chain
- Creating the stable conditions necessary for a balanced economic structure and a climate encouraging investment all the way from robust cooperation and working partnerships to networking
- Securing the local authority's financial muscle

We can help provide the framework/infrastructure required to promote the creation of new jobs, for instance by means of:

- Long-term land development and banking
- Applying for funding for infrastructure development
- Providing necessary budgetary funding
- Managing cooperation within local government
- Additional coordination, disbursement of subsidies and financial support
- SME Support Programme
- Rapid administrative action and quick planning, e.g.:
 - Porsche AG: 4 weeks
 - Siemens AG: 6 weeks
 - Amazon.de: 16 days

What we can't do for you:

- Sell property to potential investors below market value
- Directly create jobs!

Tasks of business development

Activities



Growth prospects improved by SME Support Programme

SME Support Programme

Partly aimed at existing companies, the City of Leipzig's SME Support Programme is also intended to provide stimulus for business start-ups and expansions. Funding is provided for promising projects in those enterprises lacking sufficient financial resources for their implementation. The SME Support Programme was launched in 2013 to enable SMEs to make better use of their own potential, above all by means of innovation and technology based project funding – and hence boost their competitiveness.

Results of applications and project funding

By December 2016, 239 applications had been received from 184 businesses, and 190 applications for 109 businesses had been approved. The average subsidy is about €2,610.

Since the beneficiaries purchase goods and services from other Leipzig companies, the funding actually helps a much larger number of firms. And as funding is limited to 50% of the project value specified in the application and is capped, the value of orders placed is at least twice as high. According to a sample calculation for the scheme entitled 'Kreativbrief', each euro of funding led to €2.70 being spent on orders in Leipzig.



Draw-downs

- 2016: €440,000 (planned)
- 2017: €600,000 (planned)

Creating more jobs, stimulating growth

Fourteen of the 51 existing companies in Leipzig used funding to create new jobs. Their total headcount rose from 312 to 330 (+5.8%) as a result of the SME Support Programme, a higher rate than the 4.9% increase in the total number of employees subject to social insurance in Leipzig over the same period. Twenty-one companies benefited from start-up funding.

Five companies are using funding to open new branches in Leipzig and thus create 46 jobs. Overall, the SME Support Programme has contributed to 106 new jobs in Leipzig.

The SME Support Programme has three strands:

1. Branch support
 - Support for companies opening branches in Leipzig
2. Support for existing companies
 - Transfer of creative ideas
 - Growth-related site development
 - Management support
 - Innovation in SMEs
 - Tapping new markets (trade show support)
 - Testing an electric vehicle in everyday operations
 - Introduction of a quality management system
 - Local technology transfer
 - Assessment of opportunities for regional/national expansion and restructuring
 - Assessment of operational transition
 - Assessment of crisis management
3. Start-up support
 - Start-up bonus for master craftspeople
 - Innovative founders
 - Employee promotion for founders
 - Bonus for innovative founders



Leipzig's twin towns

- _ Addis Ababa, Ethiopia
- _ Birmingham, UK
- _ Bologna, Italy
- _ Brno, Czech Republic
- _ Frankfurt am Main, Germany
- _ Hanover, Germany
- _ Herzliya, Israel
- _ Houston (Texas), USA
- _ Kiev, Ukraine
- _ Kraków, Poland
- _ Lyon, France
- _ Nanjing, China
- _ Thessalonica, Greece
- _ Travnik, Bosnia-Herzegovina

District partnerships also exist with

- _ Althen-des-Paluds, France
- _ Pays des Herbiers, France

Consular missions and foreign cultural institutes

Consulates general

- _ Russian Federation
 - _ United States of America
- Honorary consulates**
- _ Bosnia and Herzegovina
 - _ Costa Rica
 - _ Democratic Republic of Congo
 - _ France
 - _ Italy
 - _ Kosovo
 - _ Liberia
 - _ Mongolia
 - _ Norway
 - _ Poland
 - _ Romania
 - _ Slovakia
 - _ Sweden
 - _ Sri Lanka
 - _ Ukraine

International cultural institutes

- _ Institut français
- _ Confucius Institute
- _ Polish Institute Berlin, Leipzig branch

Municipal project partnerships

- _ Gwangju, Korea
- _ Ho Chi Minh City, Vietnam
- _ Lviv, Ukraine
- _ Moscow, Russian Federation

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Maintaining close ties with global business



In February 2017, Leipzig was visited by the King and Queen of the Netherlands. Although the main aim of this working visit was to deepen trade and investment relations, attention was also paid to cultural, historical and social developments.

Council delegation visits Brussels

Headed by Mayor Burkhard Jung and Deputy Mayor Ulrich Hörning, 20 representatives of different political parties on Leipzig City Council as well as executives from the local authority travelled to Brussels to discuss current European matters affecting local government. The main topics were regional support, European migration policy and press freedom, not least because the European Centre for Press and Media Freedom has been based in Leipzig

since 2015. Prominent representatives of the European Commission, the European Parliament and the Saxon Liaison Office took note of the lessons that can be learned from Leipzig's extensive experience. The city's European credentials are boosted by the fact that executives and many other members of staff from the local authority in Leipzig are actively involved in the EUROCITIES network.

Cooperation without borders

Cooperation with the countries bordering on Saxony is a central concern for the City of Leipzig. The goal behind it

is the ever-closer integration of politics, business, culture and society in this prospering region at the heart of Europe. In recent years, Leipzig has developed into a centre of excellence for Central and Eastern Europe. In addition to its twin towns of Brno and Kraków, the city maintains regular ties with Wrocław, Gdańsk, Warsaw and Prague. Various use is made of European networks, roadshows, trade fairs, the contact networks of Germany's embassies, consulates, foundations, universities and other partners in these cities for project cooperation. Leipzig showcased itself at the summer fete held by Saxony's liaison office in Prague and also sent several ensembles to perform in Wrocław, the 2016 European Capital of Culture.



Bonjour Lyon: High culture meets high-tech

Symbolizing the close cultural cooperation between the twin towns of Leipzig and Lyon, and to promote Leipzig's reputation as a city of music, the 2016/2017 season of the prestigious 'Festival de la musique baroque' got underway with two concerts by St Thomas's Boys Choir. The second

performance was followed by a reception marking the Day of German Unity. The Leipzig delegation used its stay in Lyon to nurture and intensify existing business contacts and academic ties.

Sights firmly on the world market

The Leipzig Office for Economic Development is increasingly cultivating its network of contacts among international companies and organizations. Trade missions to foreign markets serve as fact-finding visits and promote dialogue.

As precise as a Switch watch

When the interactive son et lumière '25 Her(t)z' was opened in September 2017 in Zurich, Mayor Uwe Albrecht used this opportunity to hold talks with important partners from the Swiss economy. The meetings in Zurich as well as Basel and the canton of Berne helped improve Leipzig's relations with Switzerland. The hosts were very interested in the areas of healthcare and biotech as well as the automotive industry and OEMs. In late-2017, Leipzig looks forward to welcoming a Swiss delegation.

As attractive as Japanese industry

The City of Leipzig's close business links with various Japanese cities are being expanded in 2017. At the end of April, Deputy Mayor Uwe Albrecht headed a trade mission from Leipzig to the cities of Tokyo, Nagoya, Osaka, Kobe and Toyohashi. In return, several trade delegations from the Far East have visited Leipzig. In 2017, Japan was the partner country at the international recycling trade show TerraTec in Leipzig. In addition, 58 students from four Japanese universities completed a four-week intensive German course at the InterDaF language centre at Leipzig University. interDaF's teaching staff were aided by students of Japanese from the universities of Leipzig and Halle and also for the first time by the German-Japanese Society in Leipzig.

Mayor of Houston comes to Leipzig

In the run-up to the 25th anniversary of the sister city relationship between Leipzig and Houston, a delegation from Houston headed by Sylvester Turner, the Mayor of Houston, visited Leipzig in July 2017. The visit focused on urban development, the creative industries, tourism and economic development.



As dynamic as the Vietnamese economy

In June 2017, three delegations from Ho Chi Minh City and Sóc Trăng Province in the Mekong Delta visited Leipzig in order to develop specific collaborative projects with local firms and research centres. Their programme included an economic forum attended by 80 participants at Leipziger Messe. One result of this visit was that links dating back to the 1970s were strengthened with both Ho Chi Minh City and Vietnamese people who had once studied at Leipzig University. Cooperation between the two cities is to be expanded beyond the existing areas of the arts, education and research to include matters such as fair trade, biodiversity, animal welfare at zoos, sport and urban development. In 2018, the City of Leipzig plans to open an office in the new German House in Ho Chi Minh City.

Consolidating cooperation with Vietnam

On 19 and 20 June 2017, the Chairman of Ho Chi Minh City People's Committee led a 20-strong delegation to Leipzig. As well as signing the City of Leipzig's Golden Book in the presence of Mayor Burkhard Jung, the programme included a wide-ranging economic forum held at Leipziger Messe.



Information channels publicizing Leipzig



Expo Real

The cities of Leipzig and Moscow see good chances for their long-term, diverse cooperation in the fields of construction and direct service organizations to be stepped up. This was the upshot of an extensive working meeting between Uwe Albrecht, Leipzig's Deputy Mayor of Economic Affairs and Employment, and Mikhail Men, the Minister of Construction Industry, Housing and Utilities Sector of the Russian Federation, at Expo Real 2016.



The globalization of the economy is continuing apace, meaning that competition between local authorities for investors and new jobs is hotting up. Showcasing Leipzig as effectively as possible in many different ways is becoming increasingly important in order to publicize its economic activity and attract new investors.

Websites

These days, the internet is clearly one of the foremost sources of information and means of communication. Accordingly, it's an indispensable instrument in the Office for Economic Development's PR activities and efforts to seek out new investors. It devises and updates a number of websites designed to provide precisely the information needed by individual target groups in the economy.

Information and services for employers

This website (www.leipzig.de) gives users extensive information about doing business in Leipzig, the city's cluster strategy, and the assistance available to founders. News and events on the economy and employment in Leipzig are updated daily. And a special service for employers keeps them abreast of matters such as calls for tender and support for SMEs.

Joint portal for Leipzig and Halle

The new website (www.wirtschaftsregion-leipzig-halle.de) continues the long-term cooperation between the business development teams in Leipzig and Halle, which began in 2005 with the ImmoSIS project – a real estate information system providing investors with reliable details about suitable sites and offers of land and property in the region. ImmoSIS has now been integrated into the new portal.

New website for networking in the energy sector

The website for the Energy & Environment Cluster set up in 2008 was completely overhauled in 2015 and adapted for optimum mobile viewing. In connection with the website's relaunch, the NEU Energy & Environment Network was given its own website (www.energiemetropole-leipzig.de) under the auspices of Energy Metropolis Leipzig. Its content was also completely revised. Apart from popular sections such as the calendar, news and business directory, it now includes areas devoted to education and training, bioenergy, electromobility, energy efficiency, dealers and service providers, solar energy, and the environment and water.

For media and creatives

The website for the Media & Creative Industries Cluster (www.kreativwirtschaft-leipzig.de) is a central communication platform and a source of focused information about and for the sector. Cluster members can actively enhance the platform with blog contributions, announcements of upcoming events, and by adding entries to the media handbook.

Trade shows: In touch with the market

The Office for Economic Development raises Leipzig's profile by regularly taking part in trade fairs and expos in Germany and abroad, where its marketing activities include joint pavilions with local firms. Classified by cluster, these exhibitions include:

- TerraTec and enertec (Energy & Environment Cluster)
 - OTWorld (Healthcare & Biotech Cluster)
 - Z Subcontracting Fair (Automotive & Suppliers Cluster)
 - transport logistic (Logistics Cluster)
 - Leipzig Book Fair (Media & Creativity Cluster)
- as well as:
- EXPO REAL – international expo for the property sector and investment
 - MUT Central German Employers' Day

Good neighbours: Firm partners



The board of the Central Germany Metropolitan Region (left to right): Oliver Fern (CEO LBBW Sachsen Bank), Markus Kopp (CEO Mitteldeutsche Airport Holding), Frank Bannert (Chair of the Saale District), Burkhard Jung (Mayor of Leipzig and Chair), Michael Sojka (Chair of the District of Altenburger Land), Reinhard Kroll (Deputy Chair), Klaus Papenburg (CEO GP Günter Papenburg AG), Dr Bernd Wiegand (Mayor of Halle/Saale).

European Metropolitan Region of Central Germany

The Metropolitan Region of Central Germany carries out projects geared to the sustainable increase of innovation and competitiveness under a variety of cooperation agreements. The overall aim of these projects is always to develop the region's strengths and responsibly shape its future using creative ideas. Accordingly, it regards itself as a driving force striving for a region of business, science and culture which is also a great place to live and work in. In the project group 'Coalfield Innovation', it is pursuing

a forward-looking programme of innovation paving the way for active structural transformation and development in the Central German coalfield. Meanwhile, the project group 'Electromobility' is contributing to the promotion of electric vehicles in Central Germany by focusing expertise and coordinating the flow of information throughout the region. The goal is the concerted, efficient expansion of the charging infrastructure and the establishment of a uniform, user-friendly access and billing system.

Invest Region Leipzig GmbH: Attracting business and skilled labour



The year 2016 was very successful for Invest Region Leipzig GmbH, which acts on behalf of the City of Leipzig, Leipzig Chamber of Industry and Commerce, and the districts of Greater Leipzig and North Saxony. The team supported more than 20 corporate investments in the region. To continue this successful path in 2017, Invest Region Leipzig is planning to appear at more than 30 exhibitions in Germany and abroad. Although its activities are still focused on Germany, Austria, Switzerland and the USA, in 2017 it has also broadened its activities to Poland and the UK. As well as taking part in trade shows such as Expo Real in Munich and MEDICA in Düsseldorf, the staff look after foreign business delegations and corporate visits and also carry out various PR and marketing schemes encouraging skilled workers to move to the Leipzig region.

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For more than five years, Joblinge gAG has worked hard to integrate young people from difficult circumstances into regular employment. So far, more than 450 young adults have taken part in the programme, 258 of them transitioning to training or employment.



Tomorrow's skilled workers

Positive development of employment

Leipzig hasn't lost any of its appeal to employers or workers alike. This is also reflected by the healthy development of the number of employees subject to social security. The positive trend of the past few years has continued with an increase of 7,242 employees year on year. Moreover, the unemployment rate was reduced to 7.6% by June 2017, down from 8.7% in June 2016. To maintain the availability of skilled labour to businesses in the future, the City of Leipzig has teamed up with regional partners to address tomorrow's skilled workers.

'Look Inside':

School students explore the world of work

Employers with an eye on the future now visit schools to make school students aware of the opportunities in the world of work. During 'Look Inside: Week of open businesses in Saxony' (13–17 March 2017), youngsters from Saxony were invited to peek behind the scenes and find out about training opportunities, professional requirements, and exactly what goes on in the workplace. In 2017, 'Look Inside' concluded in Leipzig with record participation of 74 businesses and 815 school students. For the first time, in 2017 the City of Leipzig offered a prize of €1,000 for the city's 'Best "Look Inside" School', which

was won by Heinrich Pestalozzi School. Meanwhile, the certificate for the best Leipzig employer was awarded to IMS Kommunikationstechnik GmbH.

In 2018, too, Leipzig will participate in 'Look Inside' from 12 to 17 March. Schools can find offers of collaboration regarding careers guidance from businesses in the region in the database 'Partners Employers Leipzig' set up jointly with the School–Business working group (www.leipzig.de/berufsorientierung). The activities are varied and range from company visits, presentations on apprenticeships, and workshops explaining career requirements, work experience and holiday jobs to sponsorship agreements and support for certain school subjects, projects and papers. This gives school students an opportunity to find out early on about the world of work.

Leipzig Skilled Labour Alliance: Addressing tomorrow's labour market

Demographic and digital change is exerting a profound impact on the world of work. Guidance regarding the new challenges is provided by projects financed by the City of Leipzig and the Saxon State Ministry of Economic Affairs, Labour and Transport. All in all, the twelve projects begun in the first funding period show just how varied regional activities to secure tomorrow's skilled labour can be.



On 9 June 2017, IMS Kommunikationstechnik GmbH received an award from Uwe Albrecht, the Deputy Mayor of Economic Affairs and Employment, as the best employer in the 'Look Inside' campaign (photo, bottom left).



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Investors love Leipzig!

Leipzig continues to attract corporate investors in all shapes and sizes! Some of the recent investments and expansions are listed below.

BMW invests €200 million

Carmaker BMW has announced plans to invest €200 million at its Leipzig plant. One of the aims is to make production more flexible for future generations of vehicles. Construction work has been scheduled to begin in early 2018.

AeroLogic expands its fleet

AeroLogic, a joint venture set up by Lufthansa Cargo and DHL Express, is expanding its fleet of intercontinental freighters to a total of nine Boeing 777Fs. The additional aircraft will create 20 new jobs.

Bucher Emhart Glass combines sales and service

In late 2016, Swiss company Bucher Emhart Glass opened a new sales and service centre for northern Europe in Leipzig. In addition, all its worldwide client projects will be coordinated there. Furthermore, it has set up a centre of excellence in Leipzig for inspection machinery serving the markets in Europe, the Middle East and Africa.

USM Haller relocates to Leipzig

Swiss office furniture manufacturer USM Haller is moving its assembly operation from Baden-Württemberg to Leipzig. It has already rented premises in north Leipzig for this purpose. The move should be complete by 2018, and will initially result in 300 new jobs, with the possibility of additional staff being recruited later on.

Securities printer expands its Leipzig plant

In September 2016, Giesecke & Devrient opened a new building in Leipzig, investing an eight-figure sum. The company's banknote printing operations in Germany are now completely concentrated in Leipzig.

Generali Deutschland opens new branch

Generali, Germany's second-largest primary insurer, opened its new offices in Leipzig on 1 October 2016. Beginning with about 30 members of staff, by mid-2017 this new branch had a workforce of around 100. "When weighing up criteria such as the labour market, real estate and infrastructure, Leipzig came out on top," explained Dr Robert Wehn, CEO of GDS.

Bosch opens business service centre

Stuttgart electronics specialist Bosch opened a centre for business services in Leipzig in May 2016. Having already created 200 jobs at its fourth branch of Bosch Service Solutions, more staff are set to be taken on over the next few years.



HL komm builds data centre

A new data centre is under construction in Leipzig. In 2017, HL komm is erecting the first part of a major project. The new data centre will create a significant German internet node. SMEs will be able to operate their IT infrastructure in a high-security environment and use storage capacities with German data sovereignty. The data centre will comply with TÜViT Level 3 for high protection requirements and the complete redundancy of critical supply systems thanks to multiple climate and power supply systems as well as a dedicated emergency power system. IT protection will be ensured on the basis of ISO 27001 certification with a PUE factor of 1.3 envisaged. Power will be 100% supplied from regenerative energy sources.

IT2 Solutions expands its Leipzig HQ

Software company IT2 Solutions AG is expanding its facility in north-east Leipzig. It is investing €3 million in its new office block in the district of Heiterblick.

Telekom builds new office block

A new ultra-modern four-storey office complex will be built by Deutsche Telekom over the next few months at the junction of Brandenburger Strasse and Hans-Poeche-Strasse in the direct vicinity of Leipzig Central Station.

Verivox opens branch

International company Verivox based in Heidelberg has been building up a new travel price comparison portal with 20 members of staff in Leipzig since August 2016. Other company departments are expected to be opened there as well.

Central German telecoms service provider HL komm, a company in the Tele Columbus Group, ceremonially began construction work for its new data centre in the business park in Lindenau in August 2017. Left to right: Knut Krause, Martin Seidenglanz, Frank Brand, Frank Posnanski, Uwe Albrecht, Richard Fahringer, Erik Dähne, Alexander Bakker.



Financial backing for a powerful regional economy

Project-based and individual commercial support

The primary goals of public subsidies under the GRW Joint Task 'Improvement of the Regional Economic Infrastructure' are to create new jobs and secure competitive ones. Financial support is provided for private commercial investments and business-related infrastructure schemes. Assistance is also available for

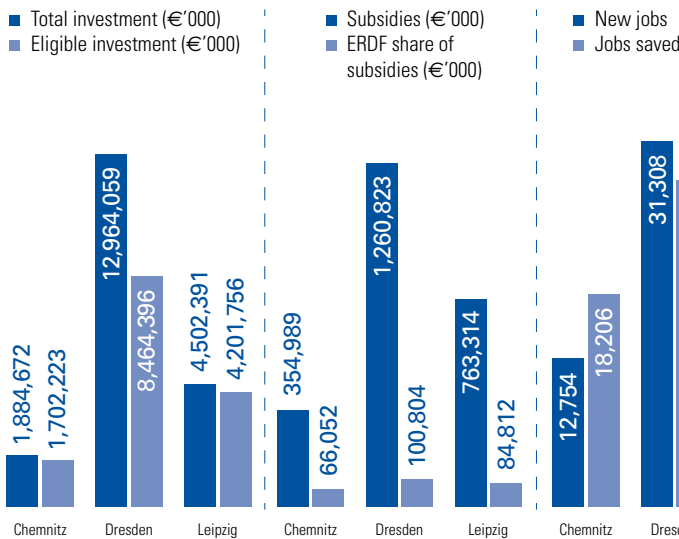
the construction and improvement of resources as well as the diversification of production, manufacturing overhaul, and upgrading the regional infrastructure. This funding is mainly awarded to SMEs and is intended to help tap the endogenous regional development potential.

Location development

In the past, a number of existing companies approached the Mayor to request that responsibility for all aspects of location development be bundled. This led to the decision to make the Office for Economic Development a one-stop shop for all necessary solutions. Consequently, it now plays the part of a construction supervision department in connection with all aspects of the development of BMW's plant in Leipzig. This concentrated approach facilitates rapid investment decisions.

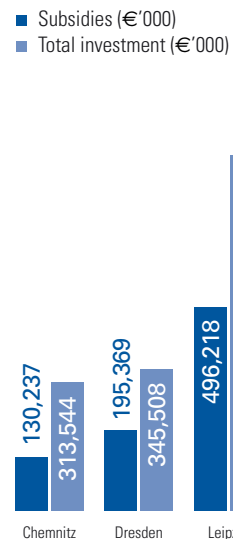
GRW funding for the private sector

1 Jan 1990 – 31 Dec 2016 (figures correct as of 15 June 2017)



GRW funding for business-related infrastructure

1 Jan 1990 – 31 Dec 2016



Renewal of the industrial siding to North Leipzig Industry Park

The investment project for the renewal of the industrial siding with the help of GRW Infrastructure funding exemplifies the bundled approach to economic development. In 2014, over €1 million – 75% of which came from GRW Infrastructure – was invested to renew control and signalling equipment as well as to refurbish a level crossing. The 3km siding leads to the BMW plant in Leipzig and also a number of suppliers. It also functions as a link to the delivery route from BMW to China. The positive investment decisions

in North Leipzig, the increasing vertical integration of the companies based there and their suppliers, and the creation of many new jobs (e.g. at DHL, BMW, Porsche, Amazon, and Leipzig Logistics Park – the former Quelle site) have accelerated economic development and paved the way for its intensification. To further strengthen the industrial basis, future developments will have to be accompanied by central measures to improve the area's quality.

Funding for research and technology

The Free State of Saxony uses a variety of funding programmes to aid businesses, universities and research centres with R&D and technology transfer. Apart from the usual research and technology funding programmes (financed by the ERDF European Regional Development Fund and Free State of Saxony), technology funding from the ESF (European Social Fund) is available to Saxon companies in the programmes InnoExpert, InnoTeam and Transferassistent. Saxony employs this funding to help above all SMEs recruit personnel to tackle aspects of R&D, introduce internal innovation management, and carry out technology transfer tasks. In addition, Saxony is continuing to fund junior research groups and doctoral students at state universities via the ESF. By funding junior research groups, Saxony intends to enable junior academics to carry out knowledge transfer in connection with joint research work as well as to train junior academics by means of research projects. All in all, in 2016 Saxony approved grants for 787 research and technology projects totalling about €249.7 million under the above-mentioned programmes. They include 116 projects by enterprises, universities, non-university research institutes and other beneficiaries operating in Leipzig.

Funding for research and technology in 2016 (€'000)

	Leipzig	Saxony – total
Approved funding	21,692.52	249,739.11
Of which:		
Research infrastructure and research projects	4,273.79	63,273.59
R&D projects (individual and joint subsidies)	6,321.27	92,131.90
HORIZON bonus	14.47	31.45
InnoExpert	1,689.70	7,862.31
InnoTeam	3,911.25	21,716.51
Innovation bonus	100.88	2,086.98
Innovative energy technology	2,102.35	15,192.67
KETs pilot lines	0	21,306.19
Junior research groups and doctoral students	2,823.43	20,012.49
Other technology programmes	0	1,312.12
Technology transfer	180.41	3,527.81
Transferassistent	274.97	1,285.09

Source: State Ministry of Economic Affairs, Labour and Transport

S-Beteiligungen: Capital for growth and innovation

Sparkasse Leipzig's investment companies known as 'S-Beteiligungen' support SMEs' visions and aims. By the end of 2016, they had invested a total of about €70 million in the economy of central Germany, including around €4 million in 2016. As a result, more than 120 firms have already managed to bring their foundation and expansion plans to fruition.

The S-Beteiligungen currently support firms with all in all some 1,900 employees. Apart from providing financial backing, the S-Beteiligungen use their expertise to provide strategic advice and assist with financial

controlling, and also to grant access to a large network of business partners.

Investments range between €500,000 and €2.5 million for growing companies with viable business models and ground-breaking ideas. The S-Beteiligungen also invest in conjunction with cooperation partners. They act as management partners for the TGFS Technology Venture Capital Fund in Saxony and the WMS growth fund Mittelstand Sachsen Plus. In this way, they boost the equity of young, innovative technology firms and expanding SMEs.

Broadband upgrade

Some areas of Leipzig still have broadband speeds below 30 Mbit/s. Subsidies are to be provided by regional and federal government to improve internet access in those districts where the private sector has failed to accelerate broadband speeds sufficiently and will not do so over the next three years.

Central location, central aim: Strengthening European cooperation

Over the years, the City of Leipzig has amassed a huge amount of expertise regarding European policy matters. The Office for European and International Affairs steers and coordinates the use of European funding provided to enable dialogue with other European cities, problems to be tackled jointly, and the high-profile implementation

of the results. The interdisciplinary Europe Focus Group prepares evaluations and strategies on important issues concerning Europe as a whole. A key role is played by Leipzig's contribution to the creation and implementation of the ERDF and ESF operational programmes in Saxony for the new programming period until 2020.

EUROCITIES: Leipzig successfully chairs the Social Affairs Forum



In 2015, Deputy Mayor Thomas Fabian began chairing the Social Affairs Forum, one of the main committees of EUROCIITIES, with the City of Barcelona acting as deputy chair. Last year, particular attention was devoted to the integration of asylum-seekers. The Social Affairs Forum is one of the six thematic forums of EUROCIITIES. It's a platform for policy and project development as well as dialogue in the field of social affairs.

The City of Leipzig has actively worked in the forum for many years, especially in the areas of education and migration. As chair of the Social Affairs Forum until November 2016, Thomas Fabian was responsible for strategic development and implementation, and also represented the forum externally, in particular vis-à-vis the European Commission and the European Parliament.

Europe 2020 – Leipzig 2020

EUROCITIES: The Social Affairs Forum currently has the following working groups:

- Employment
- Education
- Active and Healthy Ageing
- Migration and Integration
- Homelessness
- Social Investment and Housing

In the current programming period from 2014 to 2020, the European Union is once again supporting cities with the implementation of integrated urban development strategies as outlined by the Leipzig Charter on Sustainable European Cities. Funding is mainly provided by the ERDF European Regional Development Fund and the ESF European Social Fund for urban projects in the following areas:

- Climate change, energy efficiency and the environment
- Education to combat poverty
- Encouraging social inclusion and integration into employment
- Promotion of local business and employment

The City of Leipzig responded early on to the initial drafts of the Structural Funds Regulations by drawing up a rough strategy and applying for funding from both the ERDF and

the ESF. Subsidies provided by the ERDF currently amount to €3.7 million for East Leipzig and €4.0 million for West Leipzig; under the ESF programme for Saxony, about €1.3 million has been approved for West Leipzig as well as €0.85 million for the district of Schönefeld. Additional funding from the ESF–Federal Programme BIWAQ ('Education, Economy, Working in the Neighbourhood') is being invested in the development districts of East Leipzig and Grünau.

Financial support from the ERDF is used for important infrastructure schemes, particularly in the areas of climate change and investing in the local economy. ESF funding is used by Leipzig to step up efforts to help young people and adults enter gainful employment through education and training. Leipzig's successful model of integrated urban development is thus being continued during the current programming period, too.



Triangulum promotes smart concepts for future-proof urban spaces

The City of Leipzig is a partner in the Triangulum project consortium – one of three projects selected in the Europe-wide competition ‘Horizon 2020: Smart Cities and Communities’. These transnational flagship projects are funded by the European Commission to the tune of €25 million. Twenty-two project partners from six countries are participating in Triangulum.

Under the term ‘Smart City’, Triangulum examines development concepts designed to make cities more efficient, technologically advanced, future-proof and socially inclusive. Sustainable Smart City concepts combine technical, economic and social innovations. The objective of the project is to devise smart city strategies which can be applied throughout Europe. During a five-year implementation process, the three ‘Lighthouse Cities’ of Eindhoven, Manchester and Stavanger are executing their existing Smart City neighbourhood concepts together with cooperating companies and research centres. The ‘Follower Cities’ of Leipzig, Prague and Sabadell are

developing their own ideas and concepts and have a chance to become ‘Lighthouse Cities’ themselves. Leipzig is drawing up a strategy paper for a section of West Leipzig. The district will serve as a test bed for the future implementation of a Smart City strategy throughout the city. The future-proof use of the existing potential – ranging from brownlands and the building stock to modern networks geared to SMEs – are regularly discussed by various forums involving the local authority, business and civil society.

– www.triangulum-project.eu

Aufbauwerk Region Leipzig GmbH: New projects in mobility and transport

Aufbauwerk works with stakeholders from the City of Leipzig and the districts of Greater Leipzig, Central Saxony and North Saxony to support and develop projects funded by the European Union. Two projects from the field of mobility and transport have been approved in the new 2014–2020 programming period.

Interreg Europe Project: DEMO-EC

DEMO-EC stands for ‘DEvelopment of sustainable MObility Management in European Cities’. The main aim is to integrate mobility management into urban development and city planning. The key elements are support for sustainable means of transport and encouraging people to switch to greener modes of transport. Aufbauwerk is the project manager and helping the Traffic and Civil Engineering Office develop a transport concept entitled ‘Extended Inner City Leipzig’. The project involves intensive dialogue with the five partner regions from all over Europe about electromobility, participation procedures, mobility behaviour, public transport, cycling and pedestrian traffic.



Central Europe Project: MOVECIT

The goal of MOVECIT is to develop operational mobility management concepts for local authorities in Europe. This is intended to encourage employees to use eco-friendly means of transport instead of driving to work. Apart from awareness schemes, other measures planned include the procurement of electric bicycles, cargo bikes and bicycle lockers as well as establishing a management and booking system for business trips. Aufbauwerk is working closely together with the Traffic and Civil Engineering Office as well as nine European partners on the project. The mobility management concept developed within the project is intended to set examples for other large employers in the Leipzig region.

– www.aufbauwerk-leipzig.com



New furniture and shelving units have been procured in connection with the refurbishment of Georg Maurer Library in Plagwitz.



Twelve document verification scanners have been purchased to authenticate EU passports and ID cards.



Seating at the Old Exchange has been replaced.

Public procurement: Clear-cut criteria

Procurement of works and services

In 2016, the following procurement procedures for works and services were carried out by the City of Leipzig's purchasing offices and the Central Tender Department:

- _ 44 public tenders
- _ 19 open procedures
- _ 5 restricted procedures
- _ 2 negotiated procedures
- _ 36 direct awards (value exceeding €25,000)

The total number of procurement procedures in 2016 (106) was slightly lower than in 2015 (112). Even so, the shares of public tenders (announced in national media) and open procedures (also announced in the supplement to the Official Journal of the European Union) as well as the number of direct awards exceeding €25,000 remained almost unchanged. Restricted procedures and negotiated procedures declined somewhat.

Direct awards and restricted procedures exceeding €25,000 were posted on www.leipzig.de in the VOL buyer profile in line with Section 19(2) VOL/A (German works and services procurement rules). Apart from current VOL tender procedures and contract awards, since 2011 information about all planned calls for tender in the current year has been posted on this website, too.

Procurement from regional firms

In the 106 procurement procedures in 2015, 147 contracts with a total value of €48.6 million were awarded for works and services. Of these, 101 contracts (68.7%) went to bidders from the Metropolitan Region of Central Germany (including the District of North Saxony), including 77 (52.38%) to firms from the region covered by Leipzig Chamber of Industry and Commerce and Leipzig Chamber of Small Industries and Skilled Trades. The proportion of total procurement by financial volume won by companies from the Metropolitan Region of Central Germany (including the District of North Saxony) was about 59.7% – and some 53.8% for Leipzig firms.

_ Metropolitan Region of Central Germany	€28,820,800	59.7%
_ Of which: Leipzig region	€26,149,400	53.8%
_ Rest of Germany	€19,051,100	40.3%
_ Total	€47,871,900	100.0%

Contracts awarded to bidders elsewhere in Germany in 2016 mainly resulted from the fact that there were no suitable bidders for contracts concerning accommodation for refugees or deliveries of fuel oil to buyers in the local authority totalling more than €8 million.



Public contracts for municipal structures

In 2016, the City of Leipzig carried out 799 construction procurement procedures and awarded building contracts totalling €105.1 million, about €29 million more than in 2015. All in all, 607 of these contracts with a total volume of €76.3 million (about 73% of total awards) went to bidders from the Metropolitan Region of Central Germany (including the District of North Saxony). Contractors in the Leipzig region won 64% of this total, while those based in Leipzig itself garnered 21%.

The Construction Procurement Committee, which consists of voting city councillors and advisory members, makes an important contribution to the City of Leipzig's building activities. In June 2015, the board held its 1,000th weekly meeting. Its job is to effectively monitor contract awards on the basis of both statutory and internal regulations, ensuring that contracts are awarded in accordance with the principles of transparency and fair, equal treatment of bidders. Since May 1991, the Construction Procurement Committee has made award recommendations for construction work totalling €1.64 billion and voted on 4,213 proposals. These figures demonstrate the valuable contribution made by the local authority to healthy economic development and social stability.

In 2016, the main building and infrastructure projects contracted out included the following:

Traffic and Civil Engineering Office

Roads and bridges:

- Prager Strasse between Johannisplatz and Gutenbergplatz, March–December 2017 (advance work by KWL until October 2016); costs: about €4.4m (Traffic and Civil Engineering Office: €2.15m, LVB: €1.4m, KWL: €0.85m)
- Könnertstrasse, March 2015 – December 2016, costs: €9.9m (Traffic and Civil Engineering Office: €4.1m, LVB: €4.2m, KWL: €1.6m)
- Georg-Schumann-Strasse (between Huygensstrasse and railway bridge), February–December 2016, costs: €2.8m (Traffic and Civil Engineering Office: €1.6m, LVB: €1.2m)
- Bridges on Antonienstrasse spanning railway tracks, March 2014 – March 2017, costs: €15.5m

Office of Building Management

Construction projects:

- Construction of a new grammar school (5 forms per year) with three-court gym and sports ground at Telemannstrasse 9, October 2014 – June 2017, costs: €25.7m, school building with 'passive house' design, gym complies with Energy Saving Ordinance
- Revamp of Käthe Kollwitz Special Needs School for repurposing as a regular school, Karl-Vogel-Strasse 17/19, August 2014 – August 2016, costs: €12.9m
- School on Weisseplatz, Ferdinand-Jost-Strasse 33, refurbishment of Building 1 with extension, September 2014 – July 2016, costs: €5.7m
- Modernization of preschool centre, An der Lehde 12–14, 1st phase: refurbishment, fire protection for roof, façade, interior, part of grounds, November 2012 – February 2015, costs: €3.6m, 2nd phase: completion of grounds, July–November 2016, costs: €250,000

Urban Parks and Waterbodies Authority

- Improvement of the residential surroundings on Poserstrasse, September–November 2016, costs: €165,000
- Upgrading of playground at Henriette Goldschmidt School, September–November 2016, costs: €133,000
- Seehausen adventure playground, January–April 2017, costs: €176,000
- Improvement of pond terrace in Clara Zetkin Park, July–September 2016, costs: €63,000

A major transport infrastructure project has been completed in West Leipzig. Antonienstrasse, one of the main arteries between Grünau and central Leipzig, has been completely upgraded between Diezmannstrasse and Klängenstrasse, including the two bridges crossing the railway lines in Kleinzschocher.



Island Pond and the small terrace in Clara Zetkin Park have been in use again since September 2016. Extensive improvement was necessary after the terrace and pond had been damaged by flooding in June 2013.



A grammar school for a total of 1,200 pupils with a three-court gym (5 forms per year) on Telemannstrasse was completed in summer 2017.

Few other local property markets in Germany are as exciting as in Leipzig. The third wave of investment since 1990 is currently rolling through the city. In June 2017, a master plan was unveiled for Leuschnerplatz on the edge of the city centre providing for mixed use comprising residential property, offices, retail and research.

Growing on solid ground





Leipzig's property market in 2016

Record sales

In 2016, total property sales reached €2.9 billion – the highest amount since records were begun by the Valuation Committee in 1992 and a 3% increase on 2015's total. With the number of individual transactions dropping slightly by 237 (3%) to 7,331 contracts, the Leipzig property market in 2016 can be described as stable.

Vacant plots

Developments in the sale of vacant building land were very heterogeneous in 2016. While transactions for vacant sites for multi-storey buildings declined by about 8%, the total sales volume climbed by more than a third on 2015.

The number of transactions for plots for individual properties was down by about 26%. Nevertheless, the total value of sales only declined by 9%.

Prices of vacant land suitable for multi-storey buildings increased enormously in some cases, and even doubled in certain locations. Sharp price rises were also recorded for land for individual homes. The average price paid for a site for an individual dwelling was about €97,000 in 2016, the average size being around 660 square metres.

Owner-occupied housing

About 70% of all real estate transactions (31% of turnover) were accounted for by owner-occupied housing. The resale of refurbished owner-occupied properties made up the biggest share (40%) in this segment.

The average purchase price of refurbished owner-occupied housing ('first sales') also rose again in 2015 by about 8% to €3,335 per square metre of living space, individual prices ranging from €1,923 to €4,662 per sqm (excluding parking spaces). Regarding the resale of refurbished owner-occupied housing (also excluding parking), prices ranged from €286 to €3,115 per sqm. The average price (€1,278 per sqm) was about 5% above the previous year's level.

Apartments in new developments (including underground parking or outdoor parking) sold for an average purchase price of €3,540 (€2,204–€5,242) per sqm in 2016, 11% above the previous year's average. The number of transactions also increased slightly. Pre-owned newbuild apartments (built since 1990) sold on average for €1,458 per sqm (including underground parking or an outdoor parking space).

Built-up plots

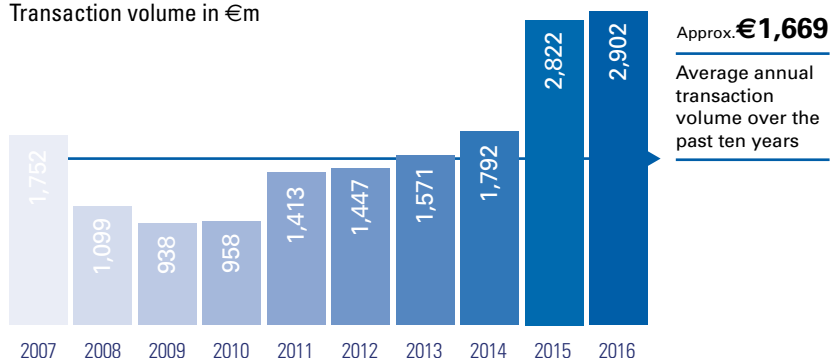
The number of transactions for built-up land also declined compared to 2015, although on the other hand prices continued to rise. For example, the average price for unrenovated apartment buildings increased by 60%, while purchase prices for refurbished blocks were about 26% higher. In the case of built-up plots containing individual dwellings, 571 sales contracts were recorded in 2016 – just 6 more than in the previous year. Then again, the sales volume was up by about 10%.



Commercial property

The 51 sales of vacant commercial sites in 2016 exceeded the average transaction volume over the past decade. The prices paid for commercial land also rose slightly in 2016. However, the number of transactions for built-up commercial sites remained almost unchanged, the transaction volume being about 4% higher. The segments with the highest sales volume were retail premises and mixed commercial and residential properties.

Transaction volume in €m



Source: City of Leipzig Valuation Committee, www.gutachterausschuss.leipzig.de



Land for the growing tasks of the growing city

The Leipzig Property Office manages the land and buildings owned by the City of Leipzig which is temporarily or permanently not required for municipal tasks. In 2016, the Property Office had about 4,000 such fiscal assets on its books. In addition to selling off unused land, the Property Office has the job of maintaining a strategic land bank to support the long-term, sustainable overall development of the city. Given the rapidly growing population, this is a task of vital importance.

Land provision

Whereas in the past, asset disposals were predominantly carried out to boost the budget, in future land sales will only be considered as long as this will not impair public welfare. Therefore, assets will be sold only if they are unlikely to be utilized efficiently in any other way by the local authority (e.g. in order to safeguard social infrastructure).

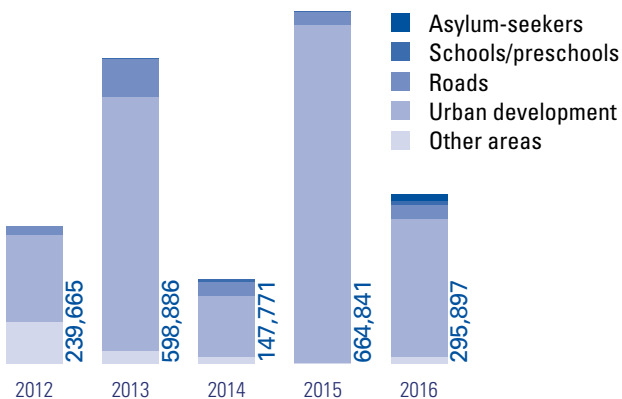
Last year, the City of Leipzig sold almost 250,000 square metres of land and premises under its ownership. By

disposing of 76,793 square metres of commercial space, the Property Office paved the way for ten companies to set up shop or expand and hence create new jobs or secure existing ones. Moreover, the sale of 17,709 square metres of residential space enabled a large number of families to own their own homes.

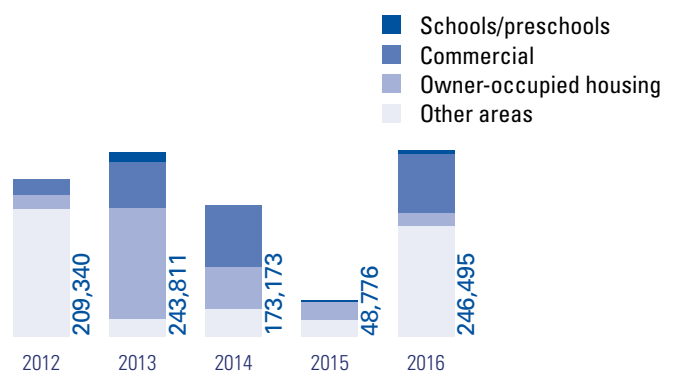
The high birth rate and the steady influx of new residents mean that in addition to the need for more places at creches and kindergartens, the number of schoolchildren is rising enormously. Accordingly, particular importance is attached to preschool centres as well as new schools and sports halls (including extensions). In 2016, 49 contracts for a total of 52,620 square metres were signed for social and other purposes. For instance, the granting of leasehold estates on Windscheidstrasse and Oststrasse enabled additional preschool centres to go ahead, while on Gustav-Freytag-Strasse, a nursery school was added to an existing creche.

Sales of local authority land raised proceeds of about €7.3 million for the municipal budget.

Increase in land through acquisitions



Land changes due to sales in square metres 2012–16





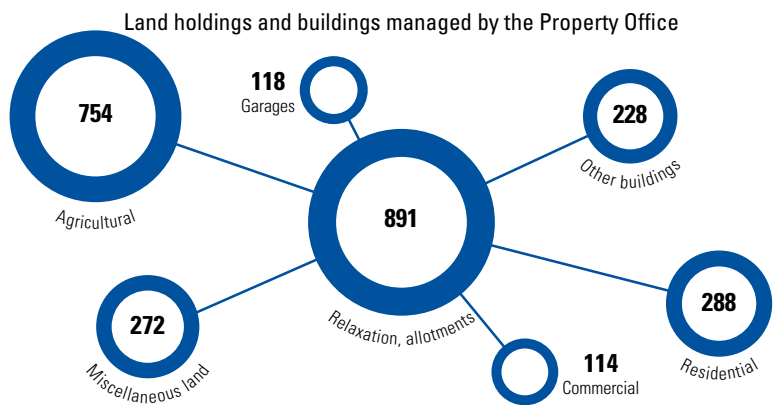
Land bank

Wherever you look, Leipzig's cityscape is developing rapidly and seems to take on a different appearance every week! New buildings are being erected, old buildings refurbished, hotels and shops opened. The growing population is inevitably leading to a shortage of land, creating challenges for the local authority's real estate policy. Therefore, it urgently needs to be able to supply the land and infrastructure necessary from its own portfolio and external sources. This defines the new main task of the Property Office: maintaining a land bank to safeguard the necessary social infrastructure, provide concrete support to people living in Leipzig, and attract commercial investment.

When weighing up the different concerns of the city as a whole, inter-departmental coordination is essential for urban development, including in conjunction with economic actors and interest groups. The Property Office plays a crucial role in this respect and is involved for example in projects and local authority working groups. To meet the high demand for social infrastructure, last year the Property Office purchased 300,000 square metres for its strategic land bank on behalf of various departments, partly in order to carry out mandatory tasks that could not be performed on the local authority's own land. In 2016, payments for land purchases totalled nearly €9.5 million.

Traffic safety, structural maintenance and project development

In connection with the structural upkeep of its portfolio, the Property Office carries out measures for maintenance, hazard prevention and other construction works as well



as employment schemes, project developments and winter road clearance. In 2016, 451 construction, repair, demolition and traffic safety measures were arranged and supervised.

The Property Office's staff are also active in areas which cannot be recorded in monetary terms. They include drawing up investment plans as well as comparing different proposals when considering maintenance measures, compiling cost estimates with accompanying cost/benefit analysis, and submitting assessments to support decision-making processes within the Property Office. Other responsibilities include building valuations for municipal financial management and assistance to the tax office when determining assessed values.



Contact

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 Property Office
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Proceeds €7,262,392	79 sales	246,495 sqm
Payments €9,490,622	35 purchases	295,897 sqm

ESA Elektroschaltanlagen Grimma GmbH

Behind the listed façade of this old building at the junction of Melscher Strasse and Schönbachstrasse are mainly offices with sizes starting at about 30 square metres. In 2015, an area of some 950 square metres was converted to accommodate the development department of ESA Elektroschaltanlagen Grimma GmbH. It is mostly used by office and laboratory workers from Leipzig, who can get to work quickly and conveniently thanks to the good public transport links. Communication with the headquarters in Grimma runs smoothly thanks to modern telecoms.



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LGH: Suitable premises for successful SMEs



LGH Leipziger Gewerbehof GmbH & Co. KG is an instrument of economic development for SMEs in Leipzig. It lets suitable premises in the various commercial properties it owns. Founded in 1994 as a joint project by the City of Leipzig, the Chamber of Industry and Commerce, and the Chamber of Small Industries and Skilled Trades, its successful history includes strengthening local businesses and also helping companies from further afield to open branches in Leipzig.

Wide range of premises

LGH's broad portfolio currently comprises 12 commercial properties benefiting from good infrastructure throughout Leipzig. It has a total of more than 130,000 square metres of premises to let: commercial, industrial and media space, laboratories and customer service areas, and offices and staff rooms, all of which can all be flexibly adapted to tenants' individual requirements.

Growth in the inner city

LGH's development and construction activity began in 'greenfield' municipal business parks. In 1996, LGH increasingly started investing in inner-city areas, both by building modern commercial properties and by revitalizing disused industrial buildings. Cluster-specific properties with enhanced value owing to their synergies and networks began to be built in 2000 to meet SMEs' specific needs.

Expansion in Heiterblick

Heiterblick Business Park thrives on its special yard structure and practical architecture coupled with professional management. Its approximately 16,300 square metres of lettable space for prestigious commercial headquarters is subdivided among three floors and a free-standing industrial unit. Pack & Carry GmbH, a firm specializing in dental wholesale, is a long-standing tenant in Heiterblick. Starting out on an area 1,300 sqm in size, over the years this has grown to more than 4,000 sqm of office, logistics and workshop space.



Business park	Area (sqm)	Types of premises	Current availability
Heiterblick Business Park	18,900	Offices, industrial units, storage space	Offices and industrial units (from 30 sqm, from 100 sqm)
Weissenfelser Strasse Business Park	5,600	Offices, industrial units, customer service areas	Commercial premises (from 70 sqm)
GaraGe Technology and Trading Centre	5,400	Offices, customer service areas	Commercial premises (from 1,100 sqm)
North-East Leipzig Business Park	10,000	Commercial units with offices and staff rooms	Commercial premises (from 250 sqm)
Paunsdorf Business Park	10,000	Commercial units with offices and staff rooms	Commercial premises (from 250 sqm)
Stötteritz Media Centre	6,300	Offices and customer service areas	Commercial premises (from 30 sqm)
Naumburger Strasse Business Park	9,500	Offices and industrial units	Offices and industrial units (from 26 sqm, from 100 sqm)
Business & Innovation Centre	4,900	Offices and storage space	Offices and storage space (from 26 sqm, from 15 sqm)
BIO CITY LEIPZIG	14,500	Offices, laboratories, customer service areas	Commercial premises (from 40 sqm)
BioCube Leipzig	6,400	Offices, laboratories, customer service areas	Commercial premises (from 40 sqm)
Liebertwolkwitz Business Centre	10,235	Offices, industrial units, storage space	Offices, industrial units and storage space (from 20 sqm, from 65 sqm, from 27 sqm)
media city leipzig	28,500	Offices, industrial units, storage space	Offices, industrial units and storage space (from 30 sqm, from 250 sqm, from 250 sqm)

Planning for the future: Northern Zone Concept Leipzig 2025+



Leipzig's Northern Zone is an economic driving force for the entire region, as proven by the well over 15,000 jobs created there since 2000. However, this dynamic development has also exacerbated competition between different land users and impacted the local quality of life. In connection with long-term planning, strong land claims were therefore analysed and a coordinated development strategy developed. Planning focuses on ensuring the compatibility of different aspects: trade and industry, quality of life, agriculture, green structures and compensatory areas. This strategic concept was worked out on an informal basis together with Leipzig's neighbouring municipalities to the north. Although a decision has not yet been taken, the concept developed serves as a guideline for action in the local authority in Leipzig.

Attractive sites for trade and industry

To ensure that sufficient land remains available for investments by large enterprises, suitable potential sites for commercial development have been identified in the Northern Zone strategy to safeguard future economic development. Work began by analysing the demand for extensive commercial investment over a period of at least ten years. At the same time, potential areas for compensatory measures were selected in order to conjointly compensate for environmental impact nearby.

To compensate the local population for future industrial development, measures to improve the quality of life have been drawn up with the general public. These urgently needed measures are financed under an immediate action programme, and some have already been carried out. The following objectives are being pursued in the Northern Zone regarding quality of life, trade and industry, green structures and agriculture:

- Northern Zone as a whole: Safeguarding and improving the quality of life and competitiveness of the Leipzig region. Long-term coordinated planning is intended to enable the development of industrial sites and compensatory areas as well as the preservation of farmland so that the Northern Zone can be used sustainably.
- Quality of life: Identifying measures to preserve and improve the living conditions of the population in the Northern Zone and defining and supporting ways of implementation.
- Trade and industry: Identifying areas for development and the reactivation required for trade and industry.
- Green Structure: Enabling the development of a network of attractive open spaces with the possibility of additional compensatory measures and land.
- Agriculture: Securing and developing sustainable farm structures under the conditions of competing claims for space.

Regional cooperation in the development of commercial land

Regional cooperation in the development of commercial sites is particularly essential in conurbations to enable competitive and sustainable urban and regional development. Inter-authority cooperation regarding the development of commercial land has existed in the Halle/Leipzig region since 2009, with special emphasis on the development of commercial space. This voluntary alliance is supported by local authorities as well as district and regional planning authorities in Saxony and Saxony-Anhalt. This cooperation is a subproject of the European Metropolitan Region of Central Germany.

www.wirtschaftsregion-leipzig-halle.de



Investments in other sectors:

- **City Archive**
The City Archive is set to move into Hall 12, the former Soviet Pavilion, by 2018.
- **Car showroom strip**
Showrooms representing various prestigious car manufacturers offer a varied selection of new cars, used vehicles and motorcycles.
- **Deutsche Bundesbank**
The head office of the German Federal Bank's operations in Saxony and Thuringia is on the site's main thoroughfare.
- **Eventpalast Leipzig**
This entertainment complex in the former Pavilion 16 contains about 4,000 sqm of space for events large and small.
- **HIT supermarket in Hall 11**
The conversion of this listed pavilion created about 6,000 sqm of retail space and welcomes 1.2 million customers annually.
- **Soccerworld**
This refurbished pavilion contains ten football pitches on a total area of 8,000 sqm as well as a sports bar and event zone.
- **Porta Möbel**
This furniture superstore integrating the old portico on a site measuring 70,000 sqm was opened in autumn 2013.
- **Repurposing of listed pavilions**
Stadler's bicycle store will move into Hall 15 by 2019, and DIY store Hornbach will open in Hall 17 in 2020.

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Alte Messe: Life sciences hub continues to evolve

Ever since Leipziger Messe moved to its new complex in 1996, the 50-hectare Alte Messe site – the old exhibition grounds near the city centre containing a mix of partly listed pavilions built in the 1920s and vacant plots – has offered great potential for creative redevelopment. The goal of turning Alte Messe into a new centre of business, science and leisure with first-rate businesses

and institutions and excellent transport links has proved to be the right strategy. Every year, the various attractive amenities at Alte Messe attract 2.5 million visitors and customers, and one added bonus is that to date over 3,300 jobs have been created there – not to mention an ideal setting for networks and harnessing synergy.

The future of Alte Messe

The long-term development strategy for the Alte Messe site concentrates largely on science, research and medicine. For example, 100,000 square metres of land has been reserved to build up the life science cluster which has emerged around BIO CITY LEIPZIG.

- **BIO CITY LEIPZIG**
21 established biotechs and startups operate out of one of Germany's biggest biotechnology centres costing €50 million.
- **BioCube**
Office and laboratory building housing for example a cord blood bank and a company developing enzymes and microbial strains for use in industrial biotech.



- **Max Planck Institute for Evolutionary Anthropology**
More than 400 members of staff explore the history of mankind.
- **IZI Fraunhofer Institute for Cell Therapy and Immunology**
This modern research structure with an area of about 8,750 square metres built in three phases was completed in mid-2015.
- **iDiv German Centre for Integrative Biodiversity Research Halle–Jena–Leipzig**
Employing up to 250 top-class researchers, iDiv will take its place opposite the Fraunhofer Institute, further strengthening the science cluster at Alte Messe. This will also free up premises at BIO CITY LEIPZIG for founders and startups.
- **Haema blood donor service**
The headquarters of Haema AG contains state-of-the-art cold storage areas and processing systems for blood products on an area of 24,000 sqm.
- **German National Library**
The fourth wing with an additional 14,000 sqm of floor space was completed on Deutscher Platz in 2012.

- www.alte-messe-leipzig.de



Lindenau Harbour: A new waterside district

Lindenau Harbour is an area with enormous potential in west Leipzig. Early on, the City of Leipzig and municipal redevelopment company LESG mbH encouraged the first high-rise apartments there after 1990. And in 2015, the area became usable as an urban district following the completion of the waterway link joining Karl Heine Canal to Lindenau Harbour and redevelopment – and has proved popular with Leipzigers ever since.

A varied district for all

Just four kilometres west of the city centre, 470 new dwellings are currently being built between the Schönauer Lachen biotope and impressive industrial architecture, and directly adjacent to the prospering district of Plagwitz. All the available land has already been sold, and the first townhouses were completed for occupation in April 2017. The proposed housing mix comprises a wide range of sizes and layouts as well as both rented and owner-occupied properties. Leipzig housing association LWB is currently reviewing whether Saxony's support programme for rent-controlled social housing can be used in combination with a nursery school at Lindenau Harbour to attract middle-income groups. Small shops, cafés and restaurants are set to open shortly, serving residents and non-residents alike.

Carefully shaping the future

The City of Leipzig has implemented this exemplary project on one of the few remaining waterside locations – and this significant development opportunity for the growing city – with a great deal of care and attention. To support home ownership, some plots have been offered at fixed prices exclusively to owner-occupiers. All the other plots have not simply been sold to the highest bidder – instead, prospective purchasers had to meet a number of criteria such as architectural quality, diverse mixed use, and sustainability. The fact that quality ultimately pays is demonstrated by the proceeds generated, which were €2.5 million higher than expected. The first construction projects have already begun, and the local authority is determined to ensure responsible planning and construction in line with the winning bids by means of contractually secured investment obligations. Apart from the appealing architecture, other indicators of responsible development include outstanding tram and bus links, the use of eco-friendly district heating throughout the area, and the large green spaces and outdoor zones. The adjacent districts of Neulindenau and Grünau will also profit from this development thanks to better networking with Lindenau Harbour functioning like a stepping stone as well as the new leisure and recreation facilities.

— www.lindenauer-hafen.com



Variety on one of Leipzig's latest waterside developments

Originally planned as part of a visionary transport infrastructure, little became of Lindenau Harbour in west Leipzig owing to the vagaries of the twentieth century. Now, however, a charming waterside district is taking shape on one of the last stretches of water in Leipzig with a vibrant mix of housing, business and leisure. Lindenau Harbour was originally intended to be connected to the sea back in the 1930s; the main aim now is to ensure that this unique location becomes a delightful urban area for both residents and visitors.

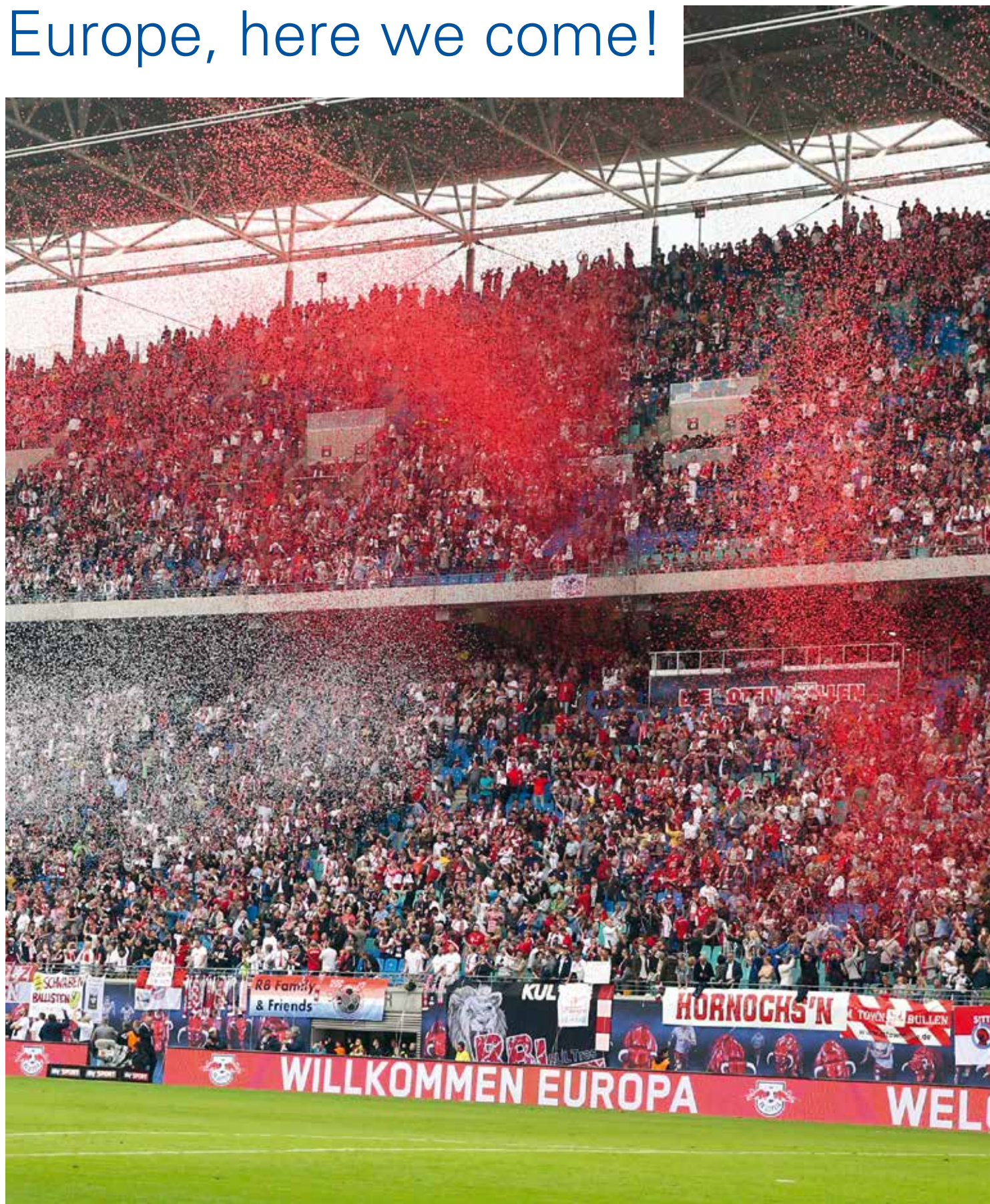


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Being a city of sport, it's no surprise that Leipzig has long hosted national and international competitions. But this year it's added a new string to its bow – for RB Leipzig, the surprising runners-up in the 2016/17 Bundesliga, automatically qualified for the Champions League. And this gives the 'Red Bulls' an opportunity to prove themselves to their growing legion of fans and attract new supporters in the dizzy heights of European club football.

Europe, here we come!



Sporting Leipzig: Top of the league at all levels

Centre of amateur and elite sport

With a healthy balance between amateur and elite sport, Leipzig scores not just as a busy host of major sports tournaments but above all in terms of everyday sporting activity by the general public. Sport is booming in this growing city.

Over 93,000 residents (including nearly 25,000 youngsters) regularly participate in 110 different sports in 400 clubs. In September 2016, Leipzig City Council adopted a detailed agenda setting out the further development of local sport and sports facilities. The City of Leipzig's Sports Programme 2024 presents different areas of sporting activities in four thematic booklets covering amateur sport and club-based activities as well as top-flight youth sport and elite sport. It's intended to build on the success of the previous programme, which formed the basis for the investment of €30 million in the refurbishment of existing sports facilities and an additional €11 million spent on brand new ones.

Home of elite sport

Since 1912, 164 Leipzigers have garnered a total of 230 medals at the Olympics and Paralympics. The foremost event currently on the minds of most of Leipzig's top athletes is the 2020 Olympics in Tokyo. Top-flight and amateur sports events aren't by any means confined to the city's two main venues: Leipzig Arena and Red Bull Arena. For example, the FEI World Cup Finals in jumping, driving, dressage and vaulting have been held annually for several years at the Leipziger Messe exhibition centre – to the approval of both spectators and participants.

Local team RB Leipzig now plays in the Bundesliga (Germany's top soccer division). The club draws sell-out crowds of 45,000 to its league and cup matches at the Red Bull Arena near the city centre. After more than two decades, the city where the DFB German Football



Top-division handball

The men's handball team from Leipzig has managed to establish its position in the 'toughest league in the world'.

Association was originally founded finally returned to first-division soccer in 2016 – and astonishingly became last season's runners-up. Top-level club sport is also regularly enjoyed by spectators at the league and cup fixtures played by Leipzig's handball teams. The women of Handball Club Leipzig have played in the Handball Bundesliga for many years, and have now been joined by local men's team SC DHfK Leipzig. Meanwhile, the LE-Volleys are still holding their own in the second division of the national volleyball league.

Prestigious hub of sports science

Leipzig's international reputation in sports research is proudly maintained by the IAT Institute of Applied Training Sciences and Leipzig University's Faculty of Sports Science (the successor to the prestigious DHfK sports college). Both these world-famous institutions continue the proud, long-standing heritage of world-class sports research and training in Leipzig. Courses for trainers from abroad first held in Leipzig over 50 years ago have kept participants from more than 100 countries abreast of the latest developments in sports science.

International sports events

In the more than 14 years since the indoor Leipzig Arena opened, it has hosted a string of national, European and world championships as well as other top international events. In February 2017, the arena was used to stage the German Indoor Athletics Championships for the seventh time, and in July 2017, the World Fencing Championships were held there. Moreover, sports fans from Leipzig and elsewhere will flock to Leipzig Arena for the Ladies' Handball World Championships in December 2017.



In 2017, the German Indoor Athletics Championships were held for the 64th time – and for the seventh time in Leipzig Arena.

Leipzig's sporting history

- 1900 – DFB German Football Association is founded
- 1897 – The Sportbrüder (Sports Brothers) club organizes a 40km race – the first official marathon on German soil
- 1884 – BDR League of German Cyclists is founded
- 1863 – First national gymnastics festival in Leipzig (the city has hosted 12 more since)
- 1845 – ATV Leipzig General Gymnastics Club is founded, launching the German gymnastics movement



The arts in Leipzig: Classical values, superb quality

League of trendsetters

Leipzig, the cradle of the Peaceful Revolution, stands for cultural freedom and diversity. The city has a whole string of institutions backing up its claim to be one of Germany's top addresses in the cultural sphere. New trends actively shaping current social and cultural developments are continuously born in Leipzig amidst a unique blend of traditional and contemporary styles. Historic sights and

innovative arts venues have contributed to Leipzig's excellent cultural reputation in Germany and beyond. What's more, generous funding is available for Leipzig's cultural scene. In 2017, local authority grants and regional government subsidies for municipal cultural institutions as well as support for the fringe scene totalled about €134 million.

Great opera – for 325 years

Alongside the Gewandhaus, Leipzig Opera is also looking forward to its 'jubilee season'. Leipzig's first opera house was opened in 1693 – only the third non-royal opera house in Europe after Hamburg and Venice.

– www.oper-leipzig.de

Harmony from Leipzig for the world

In 2017, the Gewandhaus Orchestra's jubilee season will get underway. The first 'Grosses Concert' held 275 years ago is regarded as the birth of one of the world's foremost orchestras. And given the importance of trade fairs and commerce in Leipzig's development, it's perhaps not surprising that the Gewandhaus Orchestra owed its existence to the bourgeoisie rather than royalty. In

this special season, Andris Nelsons will be joining the orchestra as its 21st music director – and guiding it in a process of harmonic collaboration between tradition, new ideas and artistic visions.

– www.gewandhaus.de



Completing the triad: The conservatoire

The internationally acclaimed Leipzig University of Music and Theatre will be celebrating its 175th anniversary in 2018. Founded as Germany's very first conservatoire by none other than Felix Mendelssohn back in 1843, 1,100 students from 52 countries are currently enrolled there.

– www.hmt-leipzig.de



St Thomas's Boys Choir: At home in Leipzig and the world

In 2017, St Thomas's Boys Choir, one of Germany's oldest boys' choirs, toured Hungary, Italy, the USA and Canada. In 2018, performances are planned in Belgium, the Netherlands and Luxembourg. The choir is the oldest cultural institution in Leipzig, and can be seen and heard

performing motets and at church services on many weekends at St Thomas's Church.

— www.thomanerchor.de

Gaining audiences, winning awards

Numerous awards and prizes underline the high esteem in which Leipzig's stages are held. For example, Young World Theatre, the oldest youth theatre in Germany, garnered the 2015 German Government Theatre Award and the 2016 Saxon Theatre Festival Prize for 'Crystal – Variations on a High', not to mention more recently the Saxon Democracy Prize for its production of 'Focal Point X'. In November 2017, the Faust German Theatre Award

donated by the German Stage Association, Germany's regional governments, the Regional Arts Foundation and the German Academy of Performing Arts will be awarded at the Schauspielhaus theatre in Leipzig.

— www.theaterderjungenweltleipzig.de
 — www.schauspiel-leipzig.de

Local heavyweight in a world event

The 500th anniversary of the Reformation in 2017 has played a central role in Leipzig, one of the European cities of the Reformation. This liberal-minded centre of publishing had a lasting impact on the development of this revolutionary spiritual movement following the Leipzig Debate in 1519.

Central stopover on the Church Convention Pilgrimage

After the successful staging of the 100th German Catholic Convention in 2016, in May 2017 Leipzig was a host city for the Protestant Church Convention Pilgrimage under the banner of 'Leipzig Urban Sound: Music. Debate. Life'. There were 551 events on the programme for the some 15,000 participants. Highlights included a gathering of nearly 4,000 trombonists from all over Germany on Augustusplatz and the Reformation performance 'Light' on the market square, which attracted around 6,000 spectators.

Creative fringe

Fringe theatre in Leipzig enjoys special status, and independent troupes are responsible for over half the theatrical productions in the city. The many different ways in which hot topics are artistically dealt with sharpen the gaze for areas of social tension. The fringe gives young people in particular a chance to discover and nurture their artistic abilities, and this general cultural development is given a regular creative boost by a whole raft of regular festivals. Municipal funding for fringe theatre currently amounts to €5.7 million.

— www.leipzigpluskultur.de/





Museum of Natural History relocates to Lindenau

The reboot of the Museum of Natural History in the direct vicinity of independent theatre and dance on the grounds of the Leipziger Baumwollspinnerei arts centre will further enhance the appeal of this cultural hotspot in Lindenau.

From industrial ruins to arts centre

Several galleries and many artists including Neo Rauch (probably the most famous representative of the New Leipzig School) have set up shop in the borough of Lindenau at Baumwollspinnerei, a repurposed cotton mill. With its blend of art, artists and industrial architecture, Baumwollspinnerei quickly rose to fame as one of the most beguiling centres of studios and galleries of contemporary art in Europe. Its regular open days attract several thousand visitors.

— www.spinnerei.de

Attractive hotbed of applied art



Leipzig is home to over 50 museums and collections. The Grassi Museum of Applied Art on Johannisplatz is one of the world's leading museums of applied art with a collection comprising over 90,000 items of European and non-European arts and crafts spanning the period from antiquity to the present day. In 2018, the museum will host the first-ever retrospective of the world-famous product designer Jasper Morrison. The Grassi Fair, an international sales event for applied art and design held every autumn, is a must for lovers of exclusive design and craftsmanship.

— www.grassimuseum.de



Leipzig's cultural diversity is reflected in a string of regular events which have become firm fixtures on the calendar. The Bach Festival, the Long Night of Museums, the Night of Home Concerts (organized by the Leipzig Music Trail), Jewish Week, the International Leipzig Festival for Documentary and Animated Film, and many other events throughout the year all create a unique atmosphere in this unique city.

Highlights until 2020 (selection)

- 2017 — 500th anniversary of the Reformation
- 2017/18 — 275th anniversary of the Gewandhaus Orchestra
- 2018 — 325th anniversary of Leipzig Opera
 - 175th anniversary of Leipzig University of Music and Theatre
- 2019 — 500th anniversary of the Leipzig Debate
 - 200th anniversary of Clara Schumann
 - 100th anniversary of the Bauhaus
 - 30th anniversary of the Peaceful Revolution/Festival of Lights
- 2020 — 100th anniversary of Max Klinger's death



Leipzig New Lakeland

A network of navigable waterways with a total length of about 200km is taking shape in Leipzig New Lakeland.



The yachting harbour on Lake Cospuden has all the amenities of a modern water sports centre: sailing, surfing and diving, boat hire, a sauna, restaurants, shops, pleasure cruisers, a tourist information centre and holiday homes.

Feel-good Leipzig: Big and green

Leipzig breathes quality of life

The sheer extent and variety of green spaces in Leipzig come as a surprise to many visitors and even some locals! Seen from above (such as from the Monument to the Battle of Leipzig or the 142m-tall tower block on Augustusplatz), Leipzig appears blissfully green. In fact, green spaces easily accessible to young and old alike account for 15% of Leipzig's total area of 297.6 square kilometres. The most popular places among those in need of fresh air and recreation are the Auwald floodplain woodlands (950 hectares), Clara Zetkin Park (43 hectares)

adjacent to the city centre, Connewitz Game Park (45 hectares) containing 25 indigenous animal species, and Leipzig Zoo (22.5 hectares). They're joined by about 100 natural monuments and over 150 protected biotopes. What's more, allotments are especially popular in Leipzig – and there are 38,598 allotments in 278 allotment parks covering an area of 1,237 hectares. Leipzig's 'green lungs' also include the roughly 400 playgrounds in Leipzig's parks and gardens.

Leipzig Zoo: In touch with nature

One of the most advanced zoos in the world, since the year 2000, Leipzig Zoo has been transforming itself into a 'zoo of the future' where animal welfare is combined with extraordinary encounters for visitors and global dedication to wildlife conservation. Several pioneering projects setting worldwide benchmarks such as the Gondwanaland tropical experience and the Pongoland ape enclosure have already been completed. Recent projects include Kiwara Kopje, the Koala House, and the Himalayan High Mountain Landscape, which was opened in August 2017 and is home to snow leopards and red pandas threatened by extinction. In addition, preparations are currently underway for the South American Theme World. In the first phase, Patagonia and Pantanal will be completed by summer 2018, to be followed by Tierra del Fuego. When Leipzig Zoo celebrates its 140th anniversary next year, no one can accuse it of resting on its laurels!

— www.zoo-leipzig.de



Living in Leipzig: Atmosphere, diversity, quality

Support for social housing launched

By 2019, the City of Leipzig expects to receive €60 million under Saxony's Social Housing Support Programme. The €20 million granted in 2017 will enable 500 dwellings to be built. These subsidies are provided for the building, conversion and extension of rent-controlled and occupancy-controlled social housing in an effort to reduce current rent levels.

– www.leipzig.de/soziale-wohnraumfoerderung



Germany's stronghold of listed architecture

Leipzig has 15,672 listed buildings (80% of which are fin-de-siècle structures) – more than any other city in Germany. They include the largest estate of preserved fin-de-siècle and Jugendstil (Germany's answer to art nouveau) housing, which is located near the city centre and largely surrounded by extensive woodlands and parks. In some prime areas of Leipzig, demand already outstrips supply.

Leipzig's housing market has noticeably picked up in recent years in response to the large population influx and clearly entered a new phase of development. Demand has substantially risen for both refurbished and newbuild housing. Two main trends have emerged since spring 2015: although housing here has still been inexpensive compared to the rest of Germany, rents have now started to rise moderately. Since 2012, both average rents excluding bills in existing properties and total rents have climbed by approximately 5%. However, because domestic income has also risen in the same period, the proportion of income going on rent has remained stable, and the average household in Leipzig still spends about a third of its net income on rent and bills. At the end of 2016, there were 333,562 dwellings in Leipzig, about 19,000 of which (nearly 6% of the housing stock) were thought to be vacant.

Source: City of Leipzig, Office for Statistics and Elections

Challenges of growth

On the other hand, the supply of affordable homes of all sizes is dwindling in Leipzig in the face of growing demand, and differences in rents and purchase prices

depending on location are widening. Although the situation on the housing market is by no means critical, the City of Leipzig intends to develop strategies early on to respond to rising demand, the challenges presented by demographic change, and the need to make homes more energy-efficient. It has therefore updated its Housing Policy Strategy. The priority aim is to provide adequate, affordable housing for all those living in Leipzig, despite the continuously increasing population. Moreover, space for all sorts of ways of life – a special feature of Leipzig society – is to be preserved. This is to be achieved through various policy instruments and measures in the areas of planning, social policy, legislation and funding. The City of Leipzig also supports self-organized projects for affordable cooperative housing through the advisory network Leipziger Freiheit in conjunction with new financial instruments and the strategic acquisition of buildings and land.

Dwelling size (sqm)	Pre-1919	1919–45	1946–60	1961–90	From 1991	Roof conversion
≤45	€5.43	€5.73		€5.48	€5.95	€6.28
46–60	€5.04	€5.19	€5.14	€4.64	€6.00	€5.26
61–75	€5.17	€5.13	€5.31	€4.42	€5.57	€5.25
76–90	€5.18	€5.10	€4.87	€4.31	€5.86	€5.64
>90	€5.51	€5.32		€4.13	€6.36	€5.85
Total	€5.24	€5.22	€5.20	€4.64	€5.92	€5.51

Average rent per square metre (sqm) in 2014 classified by building age and apartment size; no figures quoted for categories with insufficient data. Source: City of Leipzig, Rent Index 2014.

A pro-family attitude: Vital for the economy



The Family Information Office provides straightforward advice in a friendly atmosphere.



Award for family-friendly employers

Leipzig is a family-friendly city. There is broad public support for providing the best possible conditions for families, with local business, civil society and the City of Leipzig all pulling together. Since 2009, the City of Leipzig has teamed up with main sponsor Leipziger Stadtholding to present the Family Friendliness Award to individuals, teams and institutions working particularly hard to ensure that families enjoy living in Leipzig. Every two years, the Chamber of Small Industries and Skilled Trades and the Chamber of Industry and Commerce present special awards to family-friendly employers.

In May 2017, these awards accompanied by a cheque for €1,000 went to Robert Hauck from bicycle dealer Zweirad-Woj on Könnertstrasse as well as EXXATA GmbH. Robert Hauck manages a small team of young fathers. His firm is distinguished by various measures to improve life for young families such as flexible working hours and additional leave. EXXATA, a contractor in the natural gas industry, also sets great store by flexible working times and locations. The jury was especially impressed by the additional leave granted over and above the statutory entitlement whenever children are ill as well as free use of the external pme Family Service.

To date, nearly 70 people and initiatives have received the Family Friendliness Award while 12 employers have received special prizes.

— www.leipzig.de/familienpreis

Diverse education and training

Leipzig's education sector offers a good environment for lifelong learning. Childcare is provided by a dense, constantly expanding network of nursery schools, preschool centres and childminders. Parents can then choose between public and independent schools with various specializations and educational concepts for their children. Many students are attracted to Leipzig by its universities and universities of applied sciences covering various fields, and nearly 40 research institutes and scientific centres.

Leipzig has established itself as a centre of professional and personal further training with well over 150 private training organizations. The wide range of programmes and areas of specialization in vocational training is geared to the needs of employees and employers in the Leipzig region. And in addition to examinations run by business chambers, workers can improve their qualifications on courses taught at 21 technical colleges endorsed by the Chamber of Industry and Commerce or the Chamber of Small Industries and Skilled Trades.

— www.leipzig.de/familienpreis



Leipzig has a total of 48,985 places at preschool centres, day nurseries and after-school clubs. They comprise:

- 7,443 places for children aged up to three at crèches
 - 19,568 places at nursery schools and preschool centres
 - 2,764 places with childminders
 - 20,581 places at after-school clubs for primary school children
- (Figures correct as of April 2017)

Schools in Leipzig

State schools:

In the 2016/17 academic year, Leipzig had 125 state schools attended by a total of 42,142 pupils, including 803 at schools run by the regional government (rather than the local authority). The schools include:

- 66 primary schools
- 24 secondary schools
- 18 grammar schools
- 15 special-needs schools
- 1 Neighbourhood School
- 1 hospital school

Independent schools:

The range of education in Leipzig is enhanced by 27 independent schools attended by 6,088 pupils, including:

- The Montessori School Centre
- Leipzig International School
- Two Rudolf Steiner schools

- www.leipzig.de/

jugend-familie-und-soziales/schulen-und-bildung/schulen



Education: International, intercultural

In addition to five bilingual kindergartens where, apart from German, there is a second language of communication (either English, French, Chinese or Russian), there are now several childcare centres where elementary English, French, Spanish, Arabic or Russian are taught in a fun yet effective manner.

Franco-German Education Centre: AbiBac at Reclam School

Unlike other schools, Reclam School teaches some regular school subjects in French, too. Pupils attending the bilingual stream can now study for the AbiBac – a dual qualification made up of both the French Baccalauréat and the German Abitur which was first awarded in 2013. Reclam School is part of the Franco-German Education Centre – an amalgamation of five Leipzig educational establishments (preschool, primary school, after-school club, comprehensive school and grammar school) focusing on not just a bilingual education but also intercultural training.

- www.reclamgymnasium.de

speakers who also run after-school activities. As well as a high academic standard demonstrated again and again by the students in international competitions, close attention is paid to social skills and a cultivated atmosphere. The curriculum is largely modelled on schools in the UK, with emphasis on internationally compatible education and qualifications.

- www.intschool-leipzig.com

New grammar school offers English-German bilingual profile

In August 2017, pupils and teachers returned to the newly refurbished premises of Goethe Grammar School in the district of Schönefeld. From Year 7, its curriculum includes bilingual modules in which parts of nearly all subjects are taught in English. From Year 6, children can choose from French, Spanish or Russian as their second foreign language. And in Year 8, students specialize in either languages (including Latin) or the humanities.

- www.cms.sachsen.schule/gymgorki/home/

Leipzig International School: Global expertise

As far as internationality is concerned, Leipzig International School offering preschool (crèche and kindergarten), primary and secondary education is hard to beat! Enjoying two attractive locations in the boroughs of Schleussig and Plagwitz, LIC is attended by more than 750 youngsters from over 60 nationalities. The language of instruction is English, and the teaching staff are highly qualified native





Winners of the 2017 CIC Schools Competition:

Mixed category (Realschule and Hauptschule)
Form 9 'Snow Leopards', Leipzig
Neighbourhood School (Leipzig)

Category Realschule
Form 9c, Taucha School
(North Saxony)

Category Hauptschule
Form 9c, Christian Gottlob
Frege School (Leipzig)

Tomorrow's skilled workers: Qualified for big responsibilities

IHK Skilled Labour Monitor helps recruitment and training planning

Every year, updated statistics regarding skilled labour in Leipzig and Saxony are provided by Leipzig Chamber of Industry and Commerce and WifOR (an independent economic research institute based in Darmstadt) at www.fachkraeftemonitor-sachsen.de. This free online tool pays equal attention to supply and demand on the labour market. It thus enables skills bottlenecks and surpluses to be anticipated in each economic sector and professional group up to six years in advance.

— www.fachkraeftemonitor-sachsen.de

Professional rehabilitation

People who can no longer practise their profession due to illness or an accident are offered individual assistance by BFW Berufsförderungswerk Leipzig. Support ranges from careers guidance and aptitude tests to preparatory and training schemes followed by retraining and short-term qualification schemes to help candidates find their way back to work. In addition, a vocational training centre known as BTZ Leipzig aids those suffering mental illness. Moreover, further training is organized for businesses. In the first six months of 2017, BFW's 45 further-training and integration courses were attended by 1,014 participants. BFW employs 240 people.

— www.bfw-leipzig.de

Leipzig's employers for a cosmopolitan Saxony

In January 2017, Leipzig Chamber of Industry and Commerce joined Industry for Cosmopolitan Saxony. This association committed to a multicultural Saxony has set itself the aim of improving the reputation of Saxony's business community, promoting the integration of immigrants into the economy, and overcoming prejudice. According to a survey conducted by the CIC, there is high interest among employers from Saxony in integrating refugees, with 57% saying they were willing to take on refugees and asylum-seekers. Advice to employers on how to proceed has been provided by special guides at the CIC since 2016.

— www.leipzig.ihk.de/integration



Solid training in manual trades

In 2016, 1,313 young people began an apprenticeship in a skilled trades firm in and around Leipzig. The number of new trainees in Leipzig was 709. Training is carried out in 94 different careers.

Two years after fleeing Syria in July 2015, Zeinab Abou Eid has now finally made it in Germany. Because her dental technician training in Damascus was insufficient for her to practise in Germany, the Chamber of Small Industries and Skilled Trades planned additional training for her, which she successfully completed alongside German language classes. During work experience at AVANTGARDE Dentaltechnik GmbH, Zeinab Abou Eid made an excellent impression on master dental technician and proprietor Carsten Müller, who offered her a job in his firm.

The influence of polymath Gottfried Wilhelm Leibniz, who was born in Leipzig in 1646, continues to resonate in his native city to this day. Leipzig has a wide-ranging scientific profile, the freedom of teaching and research is actively practised here, and its 'stores of knowledge' – both analogue and digital – are open to academics and the general public alike. These efforts clearly don't go unnoticed – for Leipzig University Library has been voted Library of the Year 2017.

Leibniz spurs Leipzig on



Exceptional higher education and research

In terms of research and teaching, Leipzig stands head and shoulders above other cities and regions in eastern Germany thanks to its unique web of interactive factors. Leipzig's excellent reputation among academics, captains of industry and the public is cemented by a host of research centres, universities and colleges with internationally acclaimed expertise.

Milestones in the scientific community

- 2017**
 - HHL: Branch opened in Munich
 - GWZO Leibniz Institute for the History and Culture of Eastern Europe joins the Leibniz Association
 - HI-MAG Helmholtz Institute for Metabolic, Adiposity and Vascular Research founded
 - DBFZ: Topping-out ceremony for new building
 - Leipzig University Library crowned Germany's Library of the Year 2017
 - Leibniz Research Campus 'Eastern Europe – Global Area' opened: 8 partners coordinated by the IfL Leibniz Institute for Regional Geography and the CAS Centre for Area Studies of Leipzig University
 - Collaborative research projects 'Mechanisms of Adiposity' and 'Functional Biomaterials for the Control of Healing Processes in Bone and Skin Tissue': Funding extended
 - Leipzig Centre for Medical Didactics opened
- 2016**
 - Forum for the Study of the Global Condition founded by the universities of Leipzig, Halle, Jena and Erfurt
 - Postgraduate research unit 'Quantitative Logics and Automata' at Dresden University of Technology and Leipzig University: Funding extended
 - DBFZ: Foundation stone laid for new complex including pilot plant, laboratories, offices and seminar rooms
 - HTWK: Graduate Centre opened
 - IOM Leibniz Institute for Surface Modification: New application centre opened
 - Leipzig University: Approval granted for two collaborative research projects addressing globalization ('Spatialization Processes under Globalization Conditions') and climate research/meteorology ('Transregio 172 ArctiC Amplification')
 - Leipzig University and Leipzig University Hospital: ZAMS Centre for Drug Safety founded
 - SIKT Saxon Incubator for Clinical Translation established to continue the work of the Translational Centre for Regenerative Medicine
- 2015**
 - HTWK: Faculty of Mechanical and Energy Engineering opens Nieper Building
 - IZI Fraunhofer Institute for Cell Therapy and Immunology: Second extension completed
 - IOM Leibniz Institute for Surface Modification: Hertz Application Lab for electron beam technology opened
 - UFZ: ProVIS lab opened
 - IFB Integrated Research and Treatment Centre for Adiposity Diseases: Funding extended until 2020
- 2014**
 - HGB Leipzig Academy of Visual Arts: 250th anniversary
 - KUZ Leipzig Plastics Centre: MiKA Microplastics Technology Application Centre opened
 - Leipzig University: High Performance Computing Cluster launched for biodiversity research
 - Leipzig University: Refurbishment of Faculty of Medicine's Central Research Building completed
- 2013**
 - HHL: SpinLab – HHL Accelerator founded; Cologne branch opened
 - Saxon University of Cooperative Education: New library built
 - ScaDS Dresden/Leipzig big data centre of expertise opened
 - CCT Centre of Competence for Theatre founded
 - ULeipzig University: Pilot plant/lab centre reopened after modernization; Logistics Living Lab opened; Graduate School of Global and Area Studies founded
 - DBFZ: Bioenergy Innovation Centre opened
 - HfTL: Control assumed by HfTL-Trägersgesellschaft mbH, a wholly owned subsidiary of Deutsche Telekom
 - IOM Leibniz Institute for Surface Modification: Extension completed
 - Leipzig University Hospital: Institute for Transfusion Medicine opened
 - HHL: Academic House inaugurated
- 2012**
 - iDiv German Centre for Integrative Biodiversity Research Halle–Jena–Leipzig founded
 - DBFZ: Biogas research plant opened
 - HTWK: Operation training unit opened at Life Science Engineering Research Centre
 - IZI Fraunhofer Institute for Cell Therapy and Immunology: First extension completed
 - IOM Leibniz Institute for Surface Modification: nanoAnalytikum completed
- 2011**
 - BIO CITY LEIPZIG: Construction of BioCube begins
 - Leipzig University Hospital: Building work starts on dental clinics
 - German National Library: Extension opened
 - HHL: Schmalenbach Building opened

Contact

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A total of 29,459 students are enrolled at Leipzig University, which has eight humanities and social science faculties, a medical faculty, a veterinary faculty, and four faculties devoted to mathematics and the natural sciences. It currently employs nearly 5,100 people, including about 3,200 academic personnel.



Leipzig University: A source of knowledge for pioneers

Leipzig University (founded in 1409) teaches a wide range of subjects in the life sciences, the humanities and social sciences, and the natural sciences. Its research strengths are reflected in its strategic research areas 'Changing Orders in a Globalized World', 'Smart Intelligent Methods and Materials' and 'Sustainable Foundations for Life and Health'. The last of these includes the iDiv German Centre for Integrative Biodiversity Research established in 2012 and funded by the DFG German Research Foundation. It is operated by the universities of Halle, Jena and Leipzig within the Central German University

Alliance in conjunction with the UFZ Helmholtz Centre for Environmental Research.

The 14 faculties at Leipzig University currently teach 156 degree programmes. Research Academy Leipzig set up in 2006 delivers structured training for postgraduates. Currently more than 700 people are studying and researching for PhDs at Leipzig University, a world-renowned centre of education for junior academics.

— www.uni-leipzig.de



With external funding topping €10 million, HTWK has one of the highest levels of research among Germany's universities of applied sciences.

HTWK Leipzig University of Applied Sciences: Networking knowledge

HTWK Leipzig University of Applied Sciences has combined practical teaching with applied research for over 25 years. Although its regional USP is its broad engineering and technical profile, its academic range is far wider and spans four main profiles: Construction & Energy, Engineering & Economics, Life Science & Engineering, and Media & Information. Practical training with a scientific basis is delivered on over 40 degree programmes in engineering, economics, the social

sciences, applied media and information technology as well as computer science. About 6,100 students are currently enrolled at HTWK, and over 70 junior scientists are taking doctorates in collaborative processes with the support of the Graduate Centre founded in 2016. Setting great store by networking and collaboration with industrial companies from near and far, HTWK's excellence is demonstrated by numerous externally funded research projects.

HHL Graduate School of Management: In business worldwide

HHL teaches full-time and part-time MBAs and MScs in business administration. It also runs three-year doctoral programmes and further training courses tailored to the specific needs of corporate clients. Numerous independent rankings have placed HHL among the top European business schools.



HHL Leipzig Graduate School of Management is one of the world's foremost business schools. The mission of Germany's oldest college of business administration is to train responsible, successful executives with an entrepreneurial flair. Alongside its international outlook, particular importance is attached to combining theory with practice. HHL is distinguished by its excellent teaching, clear focus on research, practical system of knowledge delivery, and outstanding level of service for its students.

— www.hhl.de

Felix Mendelssohn Bartholdy University of Music and Theatre

Originally founded in 1843 as Germany's first conservatoire by composer Felix Mendelssohn, the University of Music and Theatre's main building on Grassistrasse dates back to 1887. The Grand Hall rebuilt in the 1990s seats 430 spectators and received an award from the Federation of German Architects/Saxony in 2004. Since 2002, the university has also had an additional building containing first-rate facilities near St Thomas's Church and the Schauspielhaus Theatre.

— www.hmt-leipzig.de



Every year, the nearly 1,200 students at the University of Music and Theatre demonstrate their proficiency in about 700 performances – such as in this May 2017 production of Mozart's opera 'Don Giovanni'.

Saxon University of Cooperative Education: Dual brilliance

Saxon University of Cooperative Education enhances the higher education sector with dual degree courses combining theory with practice. There are six semesters in each programme, and each semester is divided into two halves: one spent at the university and the other gaining practical experience with an employer. Saxon University of Cooperative Education places special emphasis on knowledge and technology transfer.

— www.ba-leipzig.de



HGB Academy of Visual Arts

The HGB Academy of Visual Arts is one of Europe's oldest and most prestigious art schools, having been a centre of artistic training at the highest level for over 250 years. Its outstanding reputation is owed to numerous well-known alumni and teachers. Currently some 600 students are enrolled on HGB's four degree programmes in painting/graphics, book art/graphic design, photography and media art as well as its master's course in curation culture. HGB's innovation and heritage are reflected in for example its excellently equipped workshops. It also has an excellent network at its disposal thanks to collaboration with more than 100 partners from the arts, research and industry, ensuring the lasting quality of teaching and practice.

— www.hgb-leipzig.de

Leipzig School of Media: Training communication professionals

The Leipzig School of Media has provided part-time further training for people working in journalism, communication, marketing and public relations since 2008. A subsidiary of Sparkasse Leipzig's Media Foundation, it offers – in conjunction with Leipzig University and HTWK Leipzig University of Applied Sciences – four master's programmes: New Media Journalism, Corporate Media, Crossmedia Management and Mobile Marketing. In addition, LSoM hosts a variety of individual courses as well as in-house seminars intended to help commercial companies and organizations manage the digital revolution in the media and its repercussions. LSoM is based at Media Campus Villa Ida in the Leipzig district of Gohlis.

— www.leipzigschoolofmedia.de



HfTL: The future starts here

With its profile in ICT (information and communications technology) unique in Germany, HfTL Deutsche Telekom University of Applied Sciences for Telecommunications pursues science and innovation in one of the fastest-growing industries. These are technologies which in our digital age link people and machines together. The practical degree programmes taught by HfTL address the present and future of areas such as mobile communication, the internet, business information systems, the Internet of Things, and data protection. Known for its state-of-the-art facilities, outstanding lecturers and excellent ties to industry, this state-recognized private university offers a wide range of accredited degree programmes. Collaboration with partners from Germany and abroad is a constant source of stimulus for practical teaching and research at HfTL, benefiting above all its students. With currently over 1,440 students enrolled on its direct, dual and part-time bachelor's and master's degrees, HfTL plays a vital part in ensuring Leipzig remains a bastion of state-of-the-art ICT.

— www.hft-leipzig.de

FOM College: Part-time degrees

FOM College of Business and Management offers part-time courses including state-recognized bachelor's and master's programmes. Practical teaching focuses on economics and business administration, and takes place on evenings and weekends at FOM's study centre at Katharinenstrasse 17.

— www.fom.de

Leipzig University has 14 faculties and well over 150 institutes and hospital departments.



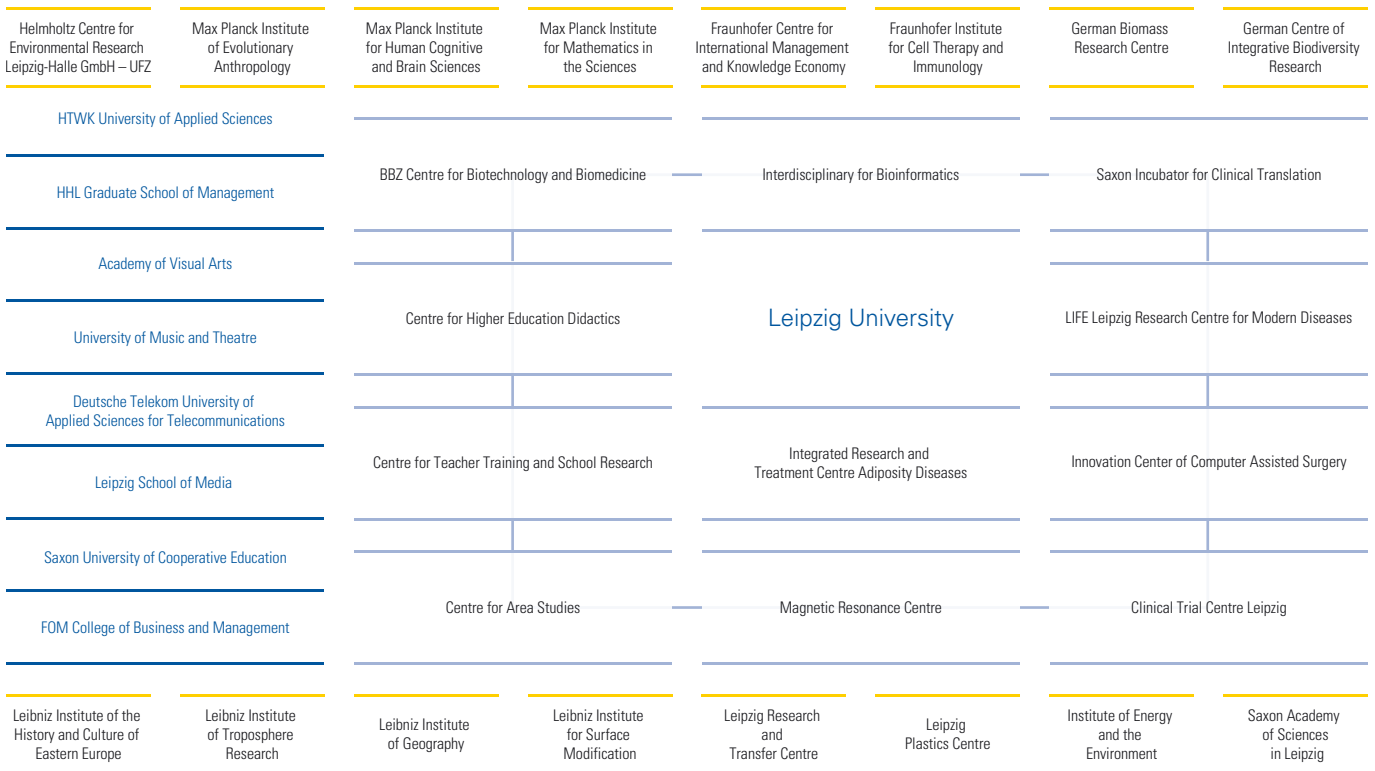
In 2016, over 3,190 research projects received external funding totalling €108 million, 10% of which came from the private sector.

Research for industry: A hallmark of quality

The economic region of Leipzig has enormous R&D potential at its disposal thanks to Leipzig University, 10 other colleges and universities, 3 Max Planck Institutes, 2 Fraunhofer Institutes, and several other non-university research centres. Leipzig University consolidates its reputation with its interdisciplinary research activities, including in a DFG German Research Foundation research centre, 6 collaborative research projects, 6 postgraduate research units, 3 International Max Planck Research Schools, and 5 DFG groups. Particularly important are the some 700 joint projects with industry. In the higher education sector, a third of such projects have been carried out with regional companies, ensuring that research findings are swiftly put to practical use. BIO

CITY LEIPZIG, including Leipzig University's BBZ Centre for Biotechnology and Biomedicine, thrives on its stimulating atmosphere for young firms and successful start-ups. Leipzig University concentrates on nine profile areas divided roughly equally among the humanities and social sciences, the life sciences and the natural sciences, with researchers working on a transdisciplinary basis. Leipzig University's research muscle is to be developed by means of externally funded, highly competitive collaborative research. Its profile areas constitute high-growth scientific cores, enabling the academic excellence of both Leipzig University and non-university research partners to be concentrated on vital matters.

Training and research in Leipzig (selection)



UFZ explores the global resource of water

The UFZ Helmholtz Centre for Environmental Research investigates the causes of the far-reaching changes affecting mankind's environment and examines their repercussions. Based on its outstanding research, UFZ explains the complex systems and relationships in the environment and recommends practical instruments and action plans to government, the private sector and the general public. The aim is to contribute to achieving a sustainable balance between economic and social development as well as the long-term protection of our natural basis of life. Research at UFZ covers a wide range of issues, including the management of water resources, the consequences of land-use change for biodiversity, the development of remediation strategies for polluted lakes, rivers and soil, the impact of chemicals on human health and the immune system, and strategies for adapting to climate change.

Applied research in cooperation with the private sector

As part of its applied research, UFZ develops innovative technologies which are brought to market in cooperation with the private sector. One such example is a fast, reliable method for the determination of the microbial load in drinking and mineral water as well as process water in the food and pharmaceutical industries by means of calorimetry. Under a project funded by the

Otto von Guericke Federation of Industrial Cooperative Research Associations, UFZ is collaborating with partners from the region to develop a technique for the hygienic characterization of water samples in real time using the example of legionellae.



The UFZ Helmholtz Centre for Environmental Research was opened in 1991. It currently employs over 1,100 people from more than 40 countries at its sites in Leipzig, Halle and Magdeburg. At any one time, about 250 postgraduates are working on their doctoral theses in international cooperation at UFZ, and can also benefit from interdisciplinary training from HIGRADE (the Helmholtz Interdisciplinary Graduate School for Environmental Research). In 2016, there were in addition 53 trainees at UFZ on various career development programmes and cooperative education courses.

DBFZ German Biomass Research Centre

In the future use of biomass, issues such as food and supply security, developing innovative products and markets within the bioeconomy, climate and environmental protection, and the development of rural areas all need to be harmonized. As a central, independent pioneer in the exploitation of biomass as a source of energy, DBFZ investigates how the limited quantities of biomass available can contribute sustainably and efficiently

to our current and future energy system. Research by DBFZ is intended to further human knowledge about the possibilities and limitations of the integrated use of renewable raw materials for energy in a biobased economy – and to safeguard the outstanding position of German industry in this sector.

– www.dbfz.de



This patented technique developed at UFZ to determine the microbial load in drinking water and mineral water is based on a high-resolution calorimeter. It enables the heat generated by mixtures of water samples and complex or selective media to be continuously monitored.

Globally networked centre serving biodiversity research

iDiv is the youngest research centre to be set up with the backing of the DFG German Research Foundation, and has more than 250 staff and members at its sites in Halle, Jena and Leipzig. Researchers from 30 nations develop the scientific basis for the sustainable use of our planet's biodiversity. iDiv's successful research is made possible by a consortium of eleven partners in three regions of Germany. They include the universities of Halle, Jena and Leipzig, the UFZ Helmholtz Centre for Environmental Research, and seven non-university research centres. Cooperation between partner institutions and regions is

strengthened by the integration of varied scientific and structural expertise.

Researchers from around the world frequently attend workshops in Leipzig. At the sDiv Synthesis Centre, they jointly develop new insights by analysing existing data and knowledge. Support is also provided to junior scientists, with over 40 PhD students currently being trained at the yDiv Postgraduate Research Unit.

– www.idiv.de



Max Planck Institute for Mathematics in the Sciences

This Max Planck Institute founded in 1996 works at the interface between mathematics and the natural sciences. It is regarded as one of the world's foremost mathematical research centres and is outstandingly networked locally, nationally and abroad thanks to a wide range of cooperation agreements, including with Leipzig University.

Mathematical models and methods are becoming increasingly important in today's society and form the basis of fundamental processes in business, the economy, industry, medicine and politics. Moreover, mathematicians are prompted to search for new mathematical structures and methods by fundamental questions raised in the natural sciences. This integration forms the crux of work at the Institute. Researchers there tackle a wide range of themes in pure and applied mathematics, such as random dynamic systems, the mathematical analysis of materials, complex biological systems and economic processes, aspects of geometry, theoretical physics, nonlinear algebra and algebraic statistics, and information theory of cognitive systems.

— www.mis.mpg.de

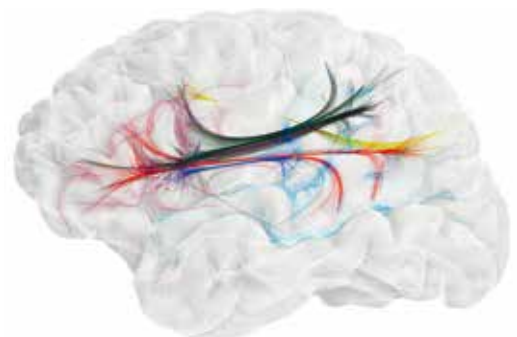


Genetic archaeology: Researchers decipher the genetic material of ancient forms of human life. The Max Planck Institute for Evolutionary Anthropology brings together scientists from various fields who take an interdisciplinary approach to studying the evolution of mankind.

Max Planck Institute for Human Cognitive and Brain Sciences: Exploring higher brain functions

The institute's goal is to explore human cognitive abilities and cerebral processes. Particular attention is paid to the neural principles of language, emotion and social behaviour, music and communication. It also investigates the human brain's ability to make plastic changes, which enables it to adapt to new requirements. One of the leading institutes in the further development of imaging techniques such as magnetic resonance tomography (MRI), last year it began using its CONNECTOM brain scanner for the first time. One of just three devices of its kind in the world, it will provide a deeper understanding of the largely unknown internal networking of the brain.

— www.cbs.mpg.de



Max Planck Institute for Evolutionary Anthropology

Founded in 1997, the institute's aim is to investigate the history of humankind by comparatively analysing the genes, cultures, cognitive abilities, languages and social systems of human populations past and present as well as of closely related primates. Concentration of these fields at the same institute enables new insights into the history, diversity, abilities and adaptive traits of modern humans. At present, the institute has around 450 staff working in 5 departments, 1 Max Planck research group, and the Max Planck Weizmann Centre for Integrative Archaeology and Anthropology.

— www.eva.mpg.de

IZI Fraunhofer Institute for Cell Therapy and Immunology

The IZI Fraunhofer Institute for Cell Therapy and Immunology researches and develops specific solutions at the interfaces of medicine, the life sciences and engineering. One of its main responsibilities is contract research for biotechnological, pharmaceutical and biomedical engineering companies, hospitals, diagnostics laboratories and research centres. IZI develops, optimizes and validates innovative techniques, materials and products in the fields of active agents, cell and genetic therapy, diagnostics and biosystems engineering. It has extensive expertise in the fields of cell biology, immunology, pharmaceutical biochemistry, bioanalysis and bioproduction as well as process development and automation. Research focuses on the indication areas of oncology, ischemia, autoimmune and inflammatory diseases as well as infectious diseases and regenerative medicine. Furthermore, IZI operates a modern cleanroom facility for the GMP-compliant* production of clinical samples, especially in connection with cell therapy and antibody-based techniques.

* GMP: Good manufacturing practices – internationally agreed guidelines for drug products



— www.izi.fraunhofer.de

KUZ Leipzig Plastics Centre

As a not-for-profit industrial research facility, KUZ is an experienced partner for applied research and development, services related to questions of practical plastics engineering, and part-time further training. Working in plastics since 1960, KUZ has built up extensive know-how in thermoplastics and polyurethane processing. It is also active in material development, design and tool technology, welding technology and plastics testing. Current research focuses on lightweight construction using thermoplastic foam injection moulding, miniaturization and precision (e.g. in order to solve challenging applications in minimally invasive medicine and optics, improve surface quality and functional integration, and tackle aspects of electrical engineering and electronics). In all its activities, importance is attached to conserving natural resources.

— www.kuz-leipzig.de

IMW Fraunhofer Centre for International Management and Knowledge Economy

IMW's international projects, networking and analytical work focus on the benefits of socio-economic, socio-technological and applied research for mankind, the dynamics of a knowledge-based society, and the future of industrial production. The interdisciplinary research team supports strategic decision-making by the private sector, organizations, institutions, and regional and local government. IMW's areas of expertise include innovation research, the knowledge economy, knowledge and technology transfer, and corporate development in international competition. Around 170 researchers from 20 countries help clients and partners from business, industry,



politics, research and society profit from globalization and digitization as the driving forces behind innovation.

— www.imw.fraunhofer.de

The IZI Fraunhofer Institute for Cell Therapy and Immunology has an excellent research infrastructure for the preclinical and clinical development of new therapies and diagnostics. Modern laboratories equipped for research into cellular and molecular biology are complemented by extensive imaging technologies, an S3 laboratory, and extensive cleanroom resources. IZI employs almost 390 people in Leipzig and another 200 at its branches in Potsdam, Halle and Rostock.

The international team of experts at the Leipzig Fraunhofer Centre for International Management and Knowledge Economy pool their economic, social, political and cultural expertise to answer questions concerning innovation research, the knowledge economy, corporate development in international competition, and knowledge and technology transfer.



The GWZO Leibniz Institute for the History and Culture of Eastern Europe joined the Leibniz Association on 1 January 2017. The photo shows Professor Kleiner, the association's president, together with junior scientists from GWZO.

GWZO Leibniz Institute for the History and Culture of Eastern Europe

The Leibniz Institute for the History and Culture of Eastern Europe (GWZO) embodies a unique approach to the major European region between the Baltic, the Black Sea and the Adriatic which, in historical, political, economic and cultural terms, is extremely important for Germany. The unique dimension of the research conducted by GWZO is its huge geographical scope, which calls for a special approach combining comparative, interdisciplinary and transnational studies, and taking into account the

entire historical depth from the transition from ancient to medieval times up to the present day. The some 50 researchers from Germany and abroad working at GWZO represent various disciplines of the humanities including archaeology, onomastics, history, art history and literary studies.

[_ research.uni-leipzig.de/gwzo/](https://research.uni-leipzig.de/gwzo/)



Work at IOM includes the development of methods to modify membranes for modern filtration applications, e.g. for use in drinking water and sewage treatment, sterile filtration and hemodialysis. The many different applications require tailored surface structures equipped with active functions. One new technique is membrane modification by means of electron irradiation in an aqueous medium.

IOM Leibniz Institute for Surface Modification

IOM conducts interdisciplinary and applied basic research into how ions, plasma, photons (lasers) and electrons interact with matter. IOM's core competences are the modification and development of functional and adaptive surfaces and thin films as well as their characterization. For this purpose, various high-tech methods and special techniques involving ion, electron and laser beams as well as plasma are used. R&D focuses on ultra-precise surface smoothing and shaping, structuring on a micrometre and nanometre scale, the synthesis of thin and functional films, and nanostructures and microstructures on surfaces. In addition to its outstanding

basic research, IOM's main goal is to enable industry to quickly and sustainably benefit from its scientific findings and technological developments. To this end, IOM collaborates closely with universities, non-university research institutes and industry in Germany and abroad, and is involved in numerous technology development and transfer projects, especially with companies in the optical and chemical industries, microelectronics and mechanical engineering.

[_ www.iom-leipzig.de](http://www.iom-leipzig.de)

TROPOS Leibniz Institute for Tropospheric Research

Tropospheric aerosols and clouds play a central role in the interconnected mankind–environment–climate system. The corresponding processes are highly complex and can only be successfully researched in close multidisciplinary cooperation. TROPOS is an internationally leading institute in applied basic research into aerosols and their interactions. It assesses, understands and models the physicochemical processes involving tropospheric aerosols and clouds from the molecular and micro scale to long-range transport in areas with different levels of pollution. One key aspect is the study of anthropogenic impacts on the highly complex tropospheric multiphase system. One particular strength of TROPOS is the joint investigation of tropospheric processes in the laboratory, the field and models. With around 140 members of staff and a budget of about €10 million, TROPOS is also a consultant serving politicians, society and the research community on matters regarding the environment and the climate.

[_ www.tropos.de](http://www.tropos.de)



IfL Leibniz Institute for Regional Geography

IfL's mission is to reveal how society is changing. Being a member of the Leibniz Association and the only non-university geographical research institute in Germany, IfL combines basic research with knowledge transfer. With approximately 100 members of staff, it analyses current spatial developments in Europe. What is the relationship between mobility and migration dynamics in connection with European integration? How do social

groups and the state produce centres and peripheries? How do spatial practices interact with phenomena such as social delimitation and processes of globalization? IfL also conducts research into the theoretical and historical foundations of regional geography. A third area of interest comprises innovative forms of visualizing geographical knowledge and analysing their modes of action.

[_ www.ifl-leipzig.de](http://www.ifl-leipzig.de)

ZKS Clinical Trial Centre Leipzig

ZKS provides doctors, study groups and industrial partners with advice and support concerning the planning, implementation and evaluation of clinical trials meeting international standards of quality. It also offers assistance and even complete solutions for the organization of clinical studies, including project planning and management, data management, setting up databases, clinical monitoring, biometrics and quality management. ZKS helps institutions carrying out studies to set up their own clinical trial centres. And the ZKS Academy hosts various further training courses for doctors and nursing personnel, such as an MSc in clinical research and translational medicine.

— www.zks.uni-leipzig.de

IFB Integrated Research and Treatment Centre for Adiposity Diseases

IFB explores and treats pathological obesity (adiposity) and its comorbidities on a scale unparalleled in Germany. More than 14 departments and institutes from the Faculty of Medicine and Leipzig University Hospital are involved in IFB's research into obesity. And over 60 scientists currently work on more than 35 interdisciplinary research projects. Overall, IFB has created over 80 jobs. Its activities are focused on the areas of genetics, hormones, neuroimaging, bariatric surgery, obesity in children, and psychosocial aspects of morbid obesity. The centre also supports young scientists through training programmes and three junior

research groups. Patients can seek assistance from its outpatient clinics. IFB is consistently expanding its obesity research and treatment, making it a reference centre for hospitals, surgeries, health insurance companies and the private sector. It has already been officially recognized by the Saxon Ministry of Social Affairs as a specialist unit for the treatment of obesity in children and adults. In January 2017, the Bariatric Surgery Unit at Leipzig University Hospital was certified as a reference centre in its field.

— www.ifb-adipositas.de

Leipzig University's BBZ Centre for Biotechnology and Biomedicine

Leipzig University's BBZ Centre for Biotechnology and Biomedicine is one of the two bioinnovation centres in Saxony. Scientists from difficult faculties carry out interdisciplinary research into the life sciences. Biotechnologies and active ingredients for the regeneration and control of biological processes are developed and validated at BBZ. They form the basis for innovative, highly sensitive diagnostic and therapeutic methods in oncology,

cardiology, neurology, endocrinology and immunology. High priority is devoted to technology transfer. Transfer officers examine the practical applications of research findings in the life sciences and also optimize and accelerate the transfer of technology to industry. So far, six spin-offs have been launched since BBZ was established.

— www.bbz.uni-leipzig.de

Leipzig Research Centre for Civilization Diseases and Biobank

The aim of the LIFE Research Centre is to investigate common diseases of affluence. For this purpose, data on the health and living conditions of the population of Leipzig are collected and made available to scientists from Leipzig University Hospital and other research facilities. The two main projects currently underway are the LIFE Child Cohort, in which youngsters of all age groups and pregnant women are invited to participate, and the German National Cohort health trial, for which the Leipzig study centre is interviewing and medically examining 10,000 adults. In addition, activities at LIFE are currently focusing on preparing and evaluating the data collected between 2010

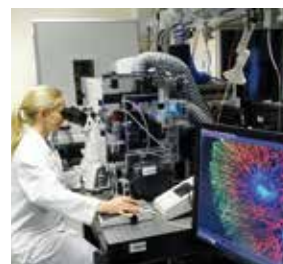
and 2015. This work is based on the expansion of the LIFE research database as well as the creation of new tools. The data are made available for further use in the LIFE Data Portal, which can be accessed by all researchers at Leipzig University and also enables the findings to be transferred to the healthcare sector. In addition, well over a million biosamples are currently stored in the LIFE Biobank for future research. This makes it one of the largest biobanks in Germany, and over the next few years its samples will be integrated into a network of German biobanks.

— www.life.uni-leipzig.de



Faculty of Medicine in Leipzig looks back on 600 healthy years!

Five and a half years after Leipzig University was founded in 1409, the separate Faculty of Medicine was established. With its foundation charter dated 10 July 1415, Leipzig is home to the second-oldest medical faculty in Germany in continuous operation after Heidelberg.



Super-resolution microscopy: Neurons from the spinal cord.

1. Population

Population 2013–16				
	2013	2014	2015	2016
City of Leipzig	531,762	544,479	560,472	579,530
District of Greater Leipzig	257,796	257,647	258,408	X
District of North Saxony	197,346	197,042	197,605	X
Saxony	4,046,485	4,055,274	4,084,851	X

Source: Population RegiX = The results of the population statistics for 2016 have been delayed owing to the transition to the new XÖV (XML in Public Administration) standard between registration offices and statistics departments as well as the introduction of a new data processing system at the German Department of Statistics and regional statistics departments.

Migration				
	2012	2013	2014	2015
Total influx	32,325	33,510	36,438	41,241
Total outflux	21,534	22,848	24,106	25,894
Migration balance	10,791	10,662	12,332	15,347

Source: Saxon Department of Statistics.

2. Labour market

Employees subject to social security by place of employment				
	2013 ¹	2014 ¹	2015 ¹	2016 ¹
Employees in the City of Leipzig	237,591	246,647	253,463	261,153
Employees in the District of Greater Leipzig	72,833	73,690	74,420	76,019
Employees in the District of North Saxony	68,583	69,298	70,536	71,640
Total no. of employees subject to social security	379,007	389,635	398,419	408,812
Of whom in following segments (WZ 2008)				
Agriculture, forestry and fishing	4,166	4,129	4,062	3,910
Mining, energy and water supply, energy sector	8,693	8,685	8,885	8,642
Manufacturing industry	48,425	50,675	51,364	51,873
Construction	24,357	24,332	24,865	25,292
Sale, servicing and repair of motor vehicles	51,108	51,068	51,774	52,832
Transport and storage	25,878	27,834	30,068	31,104
Hospitality sector	11,426	12,005	13,254	13,842
Information and communication	14,827	15,094	15,363	16,794
Finance and insurance	9,543	9,196	9,098	9,027
Real estate, freelance scientific and technical services	27,285	29,129	29,958	30,540
Other economic services	40,339	44,134	43,589	44,706
Public administration and defence, social security/ extraterritorial organizations and institutions	21,035	20,820	20,841	21,374
Childcare and teaching	21,387	21,684	21,603	22,609
Healthcare and social services	56,157	56,215	58,188	60,414
Other service activities, private households	14,381	14,634	15,505	15,853

Sources: German Employment Agency, Saxon Department of Statistics. Figures correct as of each December.
¹ Due to a retroactive revision of employment statistics in August 2014, this data differs from previously published data with earlier cut-off dates.

Unemployment								
	Unemployment (German Social Code II+III)				Unemployment rate (%)			
	2015	2016	Change on previous year		2015	2016	Change on previous year	
			2017	%			2017	%
City of Leipzig	27,445	26,209	23,386	-10.7	9.5	8.9	7.8	-1.1
District of Greater Leipzig	9,433	8,680	7,926	-8.7	6.9	6.4	5.9	-0.5
District of North Saxony	9,603	8,701	8,135	-6.5	8.9	8.1	7.7	-0.4

Source: German Employment Agency. Figures correct as of each July.

3. Education and training

Higher education								
Name	Founded	Bachelor's programmes	Master's programmes	Diploma programmes	Doctorates	Staff	Of whom academic personnel	Students
Leipzig University ¹	1409	50	75	3	Yes	5,144	3,206	29,459
HTWK Leipzig University of Applied Sciences	1992	22	21	0	Yes ⁵	619	328	6,089
Felix Mendelssohn Bartholdy University of Music and Theatre	1843	17	39	0 ²	Yes	178	129 ⁴	1,161
HfTL Deutsche Telekom University of Applied Sciences for Telecommunications	1953	9	5	0	Yes ⁵	65	41	1,440
Leipzig Academy of Visual Arts	1764	0	1	4	Yes	99	60	600
Saxon University of Cooperative Education	1993	6	0	0	No	30	18	550
HHL Leipzig Graduate School of Management	1898	0	6	0	Yes	121	65	660
FOM College of Business and Management (private part-time college) ⁶	1993	5	6	0	Yes ⁵	50	40	320
Leipzig School of Media	2008	0	4	0	No	9	5	90
Leipzig College of Design	2013	3	0	0	No	24	15	127

¹ Also 9 programmes leading to the State Examination and 14 further training programmes. ² 6 state exam programmes and 5 master class programmes. ³ Including 4 cooperative degree programmes and a bachelor in applied mathematics which is about to end. ⁴ In addition, about 340 non-permanent lecturers. ⁵ In conjunction with university partners. ⁶ FOM College of Business and Management was founded in 1993. The Leipzig branch was opened in 2008. Sources: Details provided by the universities and colleges. Figures pertain to summer semester 2017

Apprentices in industry and commerce Apprenticeships at 31 December 2016		
Occupational group	Total	Female
Industrial and technical	2,757	320
Including:		
Metalworking	1,372	119
Electrical engineering	614	39
Construction, mining, quarrying	277	4
Chemistry, physics, biology	122	40
Wood	48	1
Paper, printing	208	81
Leather, textiles, clothing	4	2
Food and tobacco	39	20
Glass, ceramics, jewellery	36	6
Special industrial occupations	37	8
Commercial and business	4,424	2,273
Including:		
Industry	181	106
Commerce	1,200	684
Banking	165	88
Insurance	119	62
Hospitality	677	341
Transport	466	214
Others	1,442	700
Special commercial occupations	174	78
Total apprenticeships	7,181	2,593

Source: Leipzig Chamber of Commerce and Industry, 31 December 2016.

Apprentices in small industries and skilled trades Apprenticeships at 31 December 2016		
Occupational group	Total	Female
Construction/finishing	339	30
Electrical, metalwork	1,403	36
Woodwork	116	9
Clothing, textiles, leather	33	21
Food	104	49
Healthcare and personal hygiene, cleaning (incl. dry cleaning)	505	324
Glass, paper, ceramics, etc.	84	42
Commercial professions	257	189
Other professions requiring training	174	30
Training for the disabled	126	20
Total	3,141	750
New apprenticeships for 2015/16 by district		
City of Leipzig	709	
District of Greater Leipzig	360	
District of North Saxony	244	
Total	1,313	

Source: Leipzig Chamber of Small Industries and Skilled Trades, 31 December 2016.

4. Private sector

Size of companies by workforce								
	2013		2014		2015		2016	
	No.	%	No.	%	No.	%	No.	%
Total businesses ¹	24,871	100.0	25,348	100.0	25,184	100.0	25,715	100.0
Of which:								
Up to 9 employees	21,865	87.9	22,280	87.9	22,039	87.5	22,477	87.4
10–49 employees	2,305	9.3	2,360	9.3	2,432	9.7	2,496	9.7
50–249 employees	605	2.4	611	2.4	603	2.4	627	2.4
250+ employees	96	0.4	97	0.4	110	0.4	115	0.4

¹ Businesses and single-location businesses with employees subject to social security in the year under review and single-location businesses with no employees subject to social security but with taxable revenue from products and services in the year under review in Sections B–N and P–S of VZ 2008. Source: Saxon Department of Statistics.

No. of enterprises and facilities in area covered by Leipzig Chamber of Commerce and Industry					
	2012	2013	2014	2015	2016
CIC companies in the City of Leipzig	42,567	42,730	42,692	43,688	44,197
CIC companies in the District of Greater Leipzig	15,853	15,772	15,638	15,450	15,264
CIC companies in the District of North Saxony	12,144	11,966	11,773	11,715	11,514
Total	70,564	70,468	70,103	70,853	70,975
Of which in the following segments:					
Agriculture, forestry and fishing	494	498	494	491	491
Mining and quarrying of minerals	53	54	53	55	57
Manufacturing industry	2,200	2,188	2,264	2,282	2,315
Energy supply	1,873	1,988	2,029	2,054	2,092
Water supply, sewage and waste disposal, environmental clean-up	314	334	329	327	324
Construction	4,020	3,921	3,795	3,740	3,617
Sale, servicing and repair of motor vehicles	15,916	15,600	15,128	15,075	14,918
Transport and storage	2,531	2,447	2,391	2,362	2,327
Hospitality	4,262	4,138	3,493	3,589	3,620
Information and communication	3,365	3,478	3,517	3,628	3,787
Finance and insurance	4,325	4,165	4,059	4,016	3,963
Real estate and housing	3,026	3,077	3,196	3,311	3,394
Freelance, scientific, technical and other economic services	11,842	12,080	12,174	12,462	12,580
Other scientific services	9,954	9,862	9,884	9,860	9,687
Public administration and defence	1	2	1	0	0
Childcare and teaching	787	825	918	984	1,051
Healthcare and social services	984	1,018	1,045	1,114	1,129
Arts, entertainment and recreation	1,627	1,691	1,769	1,910	1,995
Other service activities	2,984	3,102	3,563	3,593	3,628
Private households with domestic personnel	6	–	1	0	0

Based on territory covered by Leipzig Chamber of Commerce and Industry at 1 January 2017.
Source: Leipzig Chamber of Commerce and Industry, 2017 – statistics correct as of December 2016.

No. of businesses in Leipzig Chamber of Small Industries and Skilled Trades					
	2012	2013	2014	2015	2016
No. of firms in the City of Leipzig	5,283	5,256	5,192	5,165	5,124
No. of firms in the District of Greater Leipzig	3,961	3,936	3,958	3,919	3,869
No. of firms in the District of North Saxony	3,052	3,025	2,995	2,960	2,875
Total no. of firms	12,296	12,217	12,145	12,044	11,868
Segments:					
Construction and finishing	3,814	3,704	3,633	3,562	3,449
Electrical/metalworking	3,725	3,659	3,627	3,568	3,508
Wood and wood products	1,158	1,128	1,126	1,118	1,084
Clothing/textiles	601	635	663	648	626
Food	359	347	332	326	321
Health/cleaning	2,118	2,180	2,190	2,220	2,249
Glass/paper/ceramics	521	564	570	602	631

Source: Leipzig Chamber of Small Industries and Skilled Trades.

Business registrations				
	2013	2014	2015	2016
Total registrations	5,646	5,695	5,881	5,762
Of which:				
Start-ups	5,112	5,072	5,239	5,150
Moving to Leipzig	435	494	505	486
Takeovers	99	129	137	126
Total closures	5,052	4,974	5,033	4,866
Of which:				
Cessations	4,381	4,269	4,321	4,135
Moving away from Leipzig	464	484	506	495
Handovers	207	221	206	236

Source: Saxon Department of Statistics.

	2014		2015		2016	
	Businesses	Employees	Businesses	Employees	Businesses	Employees
Automotive & Suppliers	765	12,982	760	14,447	766	16,655
Energy & Environment	1,351	11,936	1,328	11,952	1,358	12,345
Energy	332	4,182	317	4,021	337	4,014
Environmental engineering	1,020	7,754	1,011	7,932	1,021	8,331
Healthcare & Biotech	2,428	36,875	2,432	38,629	2,465	41,187
Logistics	1,724	30,912	1,673	33,213	1,706	35,056
Freight logistics	1,458	26,530	1,412	28,896	1,442	31,066
Passenger logistics	266	4,382	261	4,317	264	3,990
Media & Creativity	4,360	28,900	4,299	28,504	4,515	30,013
Information and communications technology	999	10,760	989	10,998	1,055	11,273
Printing and publishing	529	2,592	522	2,416	559	2,391
Broadcasting and film	231	3,377	238	3,533	240	3,283
Arts and music	787	3,303	777	3,184	824	3,155
Advertising and PR	642	1,679	600	1,642	611	1,399
Architecture and design	469	550	455	517	496	645
Trade shows and services	705	6,640	719	7,213	731	7,866

Businesses and single-location businesses with employees subject to social security two years prior to the year under review and single-location businesses with no employees but with taxable revenue from products and services two years prior to the year under review in Sections B–N and P–S of WZ 2008.
Source: Leipzig Office for Statistics and Elections. Calculations by the Office for Economic Development.

Manufacturing industry					
	Unit	2013	2014	2015	2016
Businesses ¹	Qty.	68	67	66	71
Employees ²	Qty.	15,068	17,148	18,415	19,300
Total turnover	€'000	6,365,712	7,539,211	9,516,187	9,541,447
Export share ³	%	61.1	60.9	58.6	52.6

¹ Firms with 50+ employees. ² Annual average. ³ Turnover abroad from own products as a percentage of total turnover from own products. Source: Saxon Department of Statistics.

Manufacturing industry by workforce				
	2013	2014	2015	2016
Total businesses ¹	164	165	165	164
Of which:				
Under 50 employees	96	98	96	92
50–99 employees	33	27	31	34
100–249 employees	21	24	24	25
250–499 employees	10	12	10	9
500+ employees	4	4	4	4

¹ Firms with 20+ employees. Source: Saxon Department of Statistics.

Planning permission and building completions				
	2013	2014	2015	2016
Total buildings (planning permission)	901	1,080	902	1,096
Total buildings (completions)	1,068	889	883	899

Source: Saxon Department of Statistics.

Construction industry

	Unit	2013	2014	2015	2016
Businesses at the end of June	Qty.	462	466	442	516
Employees at the end of June	People	4,721	4,647	4,654	5,265
Gross total wages in June	€'000	10,403	10,596	11,347	13,280
Hours worked in June	'000 hours	486	491	521	573
Total turnover in June	€'000	47,968	46,248	44,757	57,779
Per employee	€	10,161	9,952	9,617	10,974
Total annual turnover	€'000	596,437	550,143	542,366	648,431
Per employee	€	126,337	118,387	116,538	123,159

Source: Saxon Department of Statistics.

Finishing trade

	Einheit	2013	2014	2015	2016
Businesses at the end of Q2	Qty.	147	143	154	169
Employees at the end of Q2	People	3,571	3,497	3,782	3,914
Gross total wages in Q2	€'000	23,671	24,251	26,055	28,140
Hours worked in Q2	'000 hours	1,176	1,122	1,206	1,288
Turnover in Q2	€'000	87,488	97,520	99,530	111,320
Annual turnover	€'000	368,176	393,702	425,607	421,406

Source: Saxon Department of Statistics. Figures correct as of 30 June each year.

Trade shows and conventions

	2013	2014	2015	2016
Trade shows and exhibitions	37	36	36	35
Conventions	94	88	142	195
Events	32	33	42	48
Exhibitors	11,570	9,827	11,293	9,527
Total visitors (all events)	1,187,131	1,242,306	1,123,335	1,192,930
Gross exhibition space in sq m	111,300	111,300	111,900	111,900
Outdoor exhibition space in sq m	70,000	70,000	70,000	70,000
Turnover in €m	88.1	77.0	79.9	97.3

Source: Leipziger Messe GmbH.

Hospitality sector

	Unternehmen 2016	Beschäftigte 2016	Umsatz 2015
Hospitality (total businesses)	2,093	9,792	€440.9m
Of which:			
Accommodation	216	X	X
Cafés, bars and restaurants	1,877	X	X

Sources: Leipzig Chamber of Commerce and Industry, Saxon Department of Statistics. X denotes unknown or unpublished figures.

Tourism – bed capacity and occupancy

Total hotels and accommodation businesses	2013	2014	2015	2016
Total businesses	117	114	120	122
Total beds	14,659	14,591	15,230	15,185
Average occupancy of beds available (%)	50.7%	50.8%	51.1%	51.3%

Source: Saxon Department of Statistics. Figures correct as of 31 July each year.

Arrivals and overnight stays

	2013	2014	2015	2016
Arrivals	1,453,422	1,510,374	1,535,955	1,572,073
Overnight stays	2,697,871	2,764,851	2,829,824	2,899,393
Average stay in days	1.9	1.8	1.8	1.8

Source: Saxon Department of Statistics.

Trade and commerce

	Businesses in 2016	Employees in 2016	Turnover in 2015
Trade and commerce (total)	8,137	29,618	€3,224,648,000
Of which: Retail	5,054	X	X

Sources: Leipzig Chamber of Commerce and Industry, Saxon Department of Statistics. X denotes unknown or unpublished figures.

Banking and insurance

	Businesses in 2016	Employees in 2016	Total turnover in 2015
Financial and insurance services (total) ¹	2,236	7,397	€278,598,000
Of which: Financial services ²	363	X	X
Insurance, reinsurance and pension funds ³	44	X	X
Brokerage of financial services/investment consultants	216	X	X
Insurance brokers/agents	1,347	X	X

¹ Includes performance of financial services, insurance, reinsurance and pension funds as well as activities related to financial and insurance services (e.g. insurance agents and investment consultants). Figures include branches.

² Apart from banks, this category includes other financial institutions (e.g. leasing companies), investment companies, Treuhand privatization agency and other funds, and pawnshops. Figures exclude branches.

³ Many insurance companies own general and specialized life and health insurance subsidiaries (e.g. Allianz Versicherungs AG and Allianz Lebensversicherungs AG, Debeka Lebensversicherung and Debeka Krankenversicherung), which are counted separately. Figures exclude branches.

Sources: Leipzig Chamber of Commerce and Industry, Saxon Department of Statistics. X denotes unknown or unpublished figures.

5. Finance

Gross domestic product and gross value added in €m

	Stadt Leipzig		
	2013	2014	2015
GDP	17,349	18,370	19,138
Per head	32,970	34,144	34,640
Per person in work	54,611	56,933	59,461
GVA at manufacturing prices	15,608	16,532	17,225
Of which:			
Agriculture, forestry and fishing	10	8	6
Manufacturing industry	2,931	3,465	3,608
Of which:			
Processing industry	1,741	2,261	2,342
Construction	740	749	799
Service sector	12,667	13,059	13,611
Of which:			
Commerce, transportation and warehousing, hospitality, information and communication	3,847	3,855	4,157
Finance, insurance and business services, real estate activities	4,401	4,627	4,668
Public and other service providers, education and health, private households with employed persons	4,419	4,576	4,786

Sources: 'Accounting Statistics of the Länder' working party on behalf of the departments of statistics of the 16 Länder, the Federal Statistical Office and the Civic Office for Statistics and Elections (July 2017), gross domestic product, gross value added in all the districts and independent cities in the Federal Republic of Germany, 2000–2013, Series 2, Volume 1, Frankfurt am Main.

VAT registered entrepreneurs and their trade receivables

	2011	2012	2013	2014	2015
Enterprises liable to VAT	18,359	18,902	19,025	19,350	19,575
Taxable transactions, total (€'000)	18,210,756	19,981,062	21,434,473	21,234,233	22,030,934
Of which:					
On trade receivables (€'000)	17,785,155	19,576,446	21,008,065	20,776,314	21,582,877
VAT before deduction of input tax (€'000)	7,952,034	8,549,748	9,934,333	9,742,710	11,127,460
Deductible input tax (€'000)	7,301,036	7,832,181	9,113,582	8,843,721	10,186,581
Advance VAT payments (€'000)	651,016	717,223	820,808	898,879	940,881

Source: Saxon Department of Statistics.

Income

	2012	2013	2014	2015
Average monthly net income (€)	1,014	1,067	1,120	1,169
Purchasing power (€m)	8,835	9,265	9,939 ¹	10,190 ¹

Sources: Leipzig Office for Statistics and Elections, Leipzig Chamber of Commerce and Industry, GfK Nuremberg. ¹ MB Research GmbH.

Tax revenue of the City of Leipzig (€m)

Tax type	2013' (provisional)	2014' (provisional)	2015 (provisional)	2016' (provisional)
Property tax A	0.24	0.24	0.24	0.24
Property tax B	90.41	91.42	91.86	94.64
Gross trade tax	222.80	264.75	222.72	296.43
Local authority share of income tax revenue	110.31	120.96	140.03	149.81
Local authority share of VAT	31.29	32.28	36.18	37.28
Entertainment tax	1.00	2.82	3.65	3.09
Dog tax	1.50	1.30	1.38	1.51
Second-home tax	0.40	0.56	0.59	0.67
Tax revenue (gross)	457.94	514.34	496.65	583.67
Trade tax levy	-16.61	-20.66	-18.46	-22.42
Total tax revenue (net)	441.33	493.68	478.19	561.25

¹ Double-entry accounting; income adjusted by expenses for remissions and waivers.
Sources: City of Leipzig, Leipzig City Treasurer's Office.

Level of debt, borrowing and debt servicing

	Unit	2014	2015 ¹	2016 ²
Level of debt at the end of the year	€'000	669,466	686,274	626,174
Per capita debt	€	1,235	1,224	1,117
Borrowing	€'000	27,800	70,300	0
Debt servicing				
Repayment	€'000	53,488	53,492	60,100
Interest	€'000	13,384	11,257	11,045

¹ Includes restructuring of €58.5m from premature termination of CBL transaction for KWL's drinking water networks.
Sources: City of Leipzig, Leipzig City Treasurer's Office.

² Per capital debt with population at 31 December 2015 since no further publications by Saxon Department of Statistics.

Tax assessment rates in Leipzig

	2013	2014	2015	2016
Property tax A	350%	350%	350%	350%
Property tax A	650%	650%	650%	650%
Trade tax	460%	460%	460%	460%

Sources: City of Leipzig, Leipzig City Treasurer's Office.

6. Public procurement by the City of Leipzig in 2016

Works and service contracts awarded by contractor's location

	Amount	%	No. of contracts	%
Metropolitan Region of Central Germany and District of North Saxony	28,820,800	59.7	101	68.7
Leipzig region	26,149,400	53.8	77	52.4
Rest of Germany	19,744,200	40.3	46	31.3
Total	48,565,000	100.0	147	100.0

Source: City of Leipzig.

Building contracts awarded by contractor's location

	Amount	%	No. of contracts	%
Saxony	85,897,000	82	646	81
Leipzig region	67,594,000	64	541	68
City of Leipzig	22,351,000	21	236	30
Metropolitan Region of Central Germany and District of North Saxony	76,347,000	73	607	76
Rest of Germany	19,224,000	18	153	19
Total	105,121,000	100	799	100

Source: City of Leipzig.

7. The private sector in Leipzig (selected companies)

Company name	Sector	Headquarters	Remarks
AeroLogic	Logistics	Leipzig	Fleet expanded in 2017 – 20 new jobs
AMTES Aircraft Maintenance and Engineering Service	Logistics	Russia	Maintenance for Boeing and Antonov
Allianz	Insurance	Germany	About 700 employees
Amazon	Logistics	USA	2,000 employees; invested €1.2 million in 2016
BBG Leipzig	Tillage equipment	Leipzig	About 275 employees; subsidiary of Amazone
Bell Flavors & Fragrances GmbH	Chemical industry	USA	Supplier of flavours and fragrances
BMW	Automotive	Germany	5,300 employees; €200m to be invested from 2018
Bucher Emhart Glass	Services	Switzerland	North European HQ relocated to Leipzig
Convergys Leipzig	Call centre	USA	buw joined the Convergys Corporation in 2016
COMPAREX	IT contractor	Leipzig	2,450 employees worldwide in 35 countries
DHL	Logistics	Germany	4,900 employees; total investment of €655m since 2008
EEX	Energy	Leipzig	208 employees in Leipzig, 450 employees worldwide; 500 trading partners from over 30 countries
Georg Fischer	Automotive OEM	Switzerland	New centre of excellence for core print technology
Giesecke & Devrient	Banknote printing	Leipzig	Opened new premises in Leipzig in 2016
Halberg Guss	Automotive	Germany	Long-standing foundry with 650 employees
Heiterblick	Rolling stock	Leipzig	120 employees; supplier of light railways and trams
HL komm Telekommunikations	IT	Leipzig	Currently building new data centre
HQM Automotive	Automotive OEM	Leipzig	Service provider for the automotive industry with about 800 employees
invia SSC Germany	IT	Czech Republic	700 employees; invia Group includes ab-in-den-urlaub.de, Hotelreservierung!de, fluege.de, tourini (travel agent)
Kirow	Cranes	Germany	World's leading manufacturer of railway cranes
Kühne und Nagel	Logistics	Schweiz	Pharma Campus, 20,000 sqm
LVV (Leipzig Group)	Municipal services	Leipzig	About 4,700 employees; companies in the Leipzig Group include utilities, waterworks, transport operator, swimming baths
MDR	Media	Leipzig	About 1,400 employees in Leipzig, 2,240 in total
momox	Logistics	Germany	700 employees, 1,200 in total; in 2016 momox's profits rose by 55% to €6.8m
Neue Zahnradwerke Leipzig	Automotive OEM	Leipzig	1,000 employees; 2 more production plants in Slovakia (2008) and China (2014)
Porsche	Automotive	Germany	4,200 employees; developed into full manufacturing plant in 2011–13
Schenker Deutschland	Logistics	Germany	1,100 employees; logistics contractor for vehicle components
Siemens Deutschland	Machinery	Germany	Siemens plant for low-voltage switchgear and turbomachinery equipment
Sparkasse Leipzig	Financial services	Leipzig	1,637 employees; in 2016, total loans exceeded €4bn for the first time
Spreadshirt	Online retail (apparel)	Leipzig	Founded in Leipzig in 2002; 450 employees, active in 12 languages on 18 markets
Telekom	IT	Germany	About 1,500 employees; currently building new office complex
Leipzig University Hospital	Healthcare	Leipzig	3,800 employees; about 50 departments, units and institutes
VNG	Energy	Leipzig	1,300 employees; European gas corporation with over 20 fully consolidated companies in 8 countries
VERBIO	Biofuels	Germany	Independent manufacturer and supplier of biofuels
Vita 34	Biotech	Leipzig	Largest and most experienced stem cell bank in the German-speaking countries
Yamazaki Mazak Deutschland	Machine tools	Japan	Opened technology centre in Leipzig in 2011

8. Major investments in Leipzig

Investments by Leipzig University's Faculty of Medicine

Expansion of Leipzig University Hospital

Location: Liebigstrasse
Project details: Modern newbuild with about 13,000 sqm of floor space and 134 beds; departments of oncology, gynaecology and paediatrics to be housed in the same building
Total investment: Approx. €85m
Implementation: First phase to be completed in 2018

Refurbishment of Leipzig University catering centre on Liebigstrasse

Location: Liebigstrasse 25
Project details: Refurbishment of dining hall and outdoor area with seating for 400 diners; conversion into multifunctional learning and communication centre; future seat of Medical/Life Sciences Central Library
Total investment: Approx. €23.3m
Implementation: Completion by March 2018

Refurbishment and alteration of Leipzig University's Institute of Anatomy

Location: Liebigstrasse 13
Project details: Refurbishment and alteration of the current institute
Investment: Approx. €11.5m
Implementation: Completion in March 2019

Conversion and modernization of Leipzig University's Carl Ludwig Institute

Location: Liebigstrasse 27
Project details: Refurbishment and conversion into a central study centre
Investment: Approx. €22m
Implementation: Phased completion by 2021

Redevelopment of Leipzig University's Jahnallee Campus

Location: West-central Leipzig, Jahnallee Campus
Project details: Conversion of buildings for the Faculty of Education; construction of new BWZ Teacher-Training Centre (project: 'Education Campus Saxony')
Total investment: Approx. €48.6m (including €25m for BWZ)
Implementation: Q2 2018 (BZW and lecture hall); 2019 (tower in House 1)

Construction projects by the Leipzig Group (direct service organizations)

Joint projects by public transport operator LVB and Waterworks

Location: Across Leipzig
Project details: Refurbishment of Prager Strasse (€4.4m), completion: March 2017
Modernization of Holzhäuser Strasse (€7.8m), construction phase: March–September 2017
Redevelopment of Georg-Schwarz-Strasse (€9.3m), construction phase: April 2017 to late-2018
Plagwitz Bridge (€4.5m) (under discussion), construction could start September 2017
Total investment: €26m
Implementation: 2017/18

Investments by Leipzig Waterworks in 2017

Location: Across Leipzig
Project details: Leipzig Waterworks increasing its 2017 investment programme by €14m to €71m, including €61m for drinking water and sewage networks and plants
Total investment: About €71m

Construction of firefighting centre

Location: Gerhard-Ellrodt-Strasse, Grosszschocher (south-west Leipzig)
Project details: Phase 1: Construction of integrated fire station and first part of fire appliance garage; three more phases for erection of administrative and workshop building, training yard with pump control panel, height rescue training, simulation area for train and tram accidents, two-court gym, total area: 48,500 sqm
Total investment: Approx. €22m
Implementation: Work began in March 2013, first buildings completed in January 2015; project to be completed in 2017

New projects at Leipzig Zoo

Location: Leipzig Zoo
Project details: Currently under construction: Himalaya High Mountain Landscape
Planned until 2022: Patagonia, Pampa, Pantanal (€5.1m), Tierra del Fuego (€19m), Asian Island World (€8.2m), redevelopment of aquarium (€6.2m)
Total investment: About €72.5m
Implementation: Completion in 2020

Conversion of the Soviet Pavilion into Leipzig City Archives

Location: Alte Messe
Project details: Conversion of the Soviet Pavilion at Alte Messe into the new archives of the City of Leipzig
Total investment: Approx. €20m
Implementation: November 2016 until 2019

Construction of a new data centre in Lindenau

Location: Schomburgkstrasse, borough of Lindenau
Project details: Telecoms company HL komm is building a state-of-the-art data centre with total floor space of 1,400 sqm; IT infrastructure and storage capacity for SMEs
Total investment: Eight-figure sum
Implementation: Completion in 2019

Construction of coach terminal, hotels and multi-storey car park at Leipzig Central Station

Location: East side of Leipzig Central Station/Brandenburger Strasse
Project details: Construction of two hotels on an 11,000 sqm site (4-star Ramada Hotel with 193 rooms and 2-star H2 Hotel with 336 rooms) as well as a coach terminal with 11 gates (including 9 under cover) and 700 sqm of retail space, multi-storey car park operated by OPG Center-Parking (550 parking spaces, including 300 for the public)
Total investment: About €80m (€65m for hotels/€15m for car park and coach terminal)
Implementation: March 2017 until 2018

Construction of a new pilot plant at DBFZ German Biomass Research Centre

Location: Torgauer Strasse
Project details: The new pilot plant includes technical zones for diverse experimental setups as well as laboratories, seminar rooms and offices
Total investment: About €35.7m
Implementation: August 2016 until 2018

Construction of research greenhouse at Botanical Gardens

Location: Linnéstrasse 1
Project details: Construction of a research greenhouse at the Botanical Gardens of Leipzig University to be used by the iDiv German Centre for Integrative Biodiversity Research Halle–Jena–Leipzig
Total investment: €7.79m
Implementation: May 2017 until October 2018

Construction of office block for SAB

Location: Gerberstrasse (site of the previous Robotron building)
Project details: Relocation of reconstruction bank Sächsische Aufbaubank from Dresden to Leipzig, 22,500 sqm gross floor area for offices and meeting rooms, underground car park
Total investment: About €50m
Implementation: 2015 until late-2018

Construction of VGP-Park Leipzig

Location: Between B2 federal road and Leipziger Messe exhibition centre
Project details: Construction of new logistics areas on commercial estate VGP-Park Leipzig; industrial unit with an area of 26,000 sqm to be built on a site 105,000 sqm in size; four more units planned
Total investment: Approx. €10m
Implementation: Completion: Unscheduled

Refurbishment and conversion of the old main post office

Location: Augustusplatz, Grimmaischer Steinweg
Project details: Various investments on an area of 13,400 sqm: Italian designer furniture shop, Edeka supermarket, hotel with 300 beds and underground car park, frontage facing Augustusplatz with café/restaurant, shops, offices and flats, sky bar, lounge and conference centre
Total investment: Approx. €120m
Implementation: First phase (hotel, underground car park and south wing) to be completed by mid-2018

Projects by the City of Leipzig

Investments in the Schools Development Plan

Location: Across Leipzig
Project details: Primary schools: Schule Am Opferweg (at the planning stage), Tauchaer Strasse (2018), replacement buildings at Schule am Adler (2020) and Wilhelm Busch School (2023)
 Secondary schools: New sports secondary school between Goyastrasse, Max-Planck-Strasse and the Auwald woodlands for 670 pupils with three-court gym (underway), East Leipzig Education Campus (former Richard Wagner School and School No. 18) as well as a gym and refectory (from the end of 2017), reactivation of School No. 55, secondary school on Ihmelstrasse (at the planning stage), school on Uhlandstrasse (2016), school on Diderotstrasse (2019), expansion of Oberschule am Adler (2021), new school on Hainbuchenstrasse (2023)
 Grammar schools: Schools on Gorkistrasse and Telemannstrasse including three-court gym (since 2016), school at Karl-Heine-Strasse 22b: conversion into a grammar school with five forms per grade for 1,120 pupils and teachers (2018 until September 2020), grammar schools at Bayerischer Bahnhof (2018), on Ihmelstrasse (2021) and in west Leipzig (2025)
 Gyms (at the planning stage): Extension to Christoph Arnold School, School No. 120, School No. 77, Erich Zeiger School, Schule am Weisseplatz, Georg Schumann School and St Thomas's School
Total investment: Approx. €220m by 2019
Implementation: 2016/17 until 2025

Projects by the City of Leipzig

Construction of new preschool centres

Location: Throughout Leipzig
Project details: 6,000 preschool places are to be created by 2018; projects listed individually at www.leipzig.de/jugendfamilie-und-soziales/kinderbetreuung/kindertagesstaetten/kitaneubauten
Total investment: Approx. €90m
Implementation: 2015–18

New hotel on Burgplatz

Location: Burgplatz
Project details: 3,500 sqm utilizable space for the construction of a 4-star hotel by the NH Hotel Group with adjoining shops
Total investment: €30–40m
Implementation: March 2017 until late-2018

Hotels and housing

Refurbishment of disused publishing building

Location: Gutenbergplatz
Project details: Redevelopment of listed publishing building; creation of 69 apartments and 7 commercial units
Total investment: Over €50 million
Implementation: Construction began in early-2016

Construction of Bernstein-Carré at Museum of Fine Art

Location: Katharinenstrasse, junction with Brühl
Project details: 3,000 sqm of office space, 2,000 sqm of retail space and restaurants, 14 apartments in south wing
Total investment: Approx. €25m
Implementation: February 2016 until 2017

Conversion of former Brühlpelz building into hotel and office block

Location: Brühl 34–50
Project details: Site area: 1,005 sqm, gross floor area: 13,000 sqm, 4-star ADINA Apartment Hotel with 166 rooms, retail outlets on ground floor, offices on 9th and 10th floors
Total investment: Unknown
Implementation: 2016 until Q3 2017

Residential project at Lindenau Harbour

Location: Lindenauer Hafen
Project details: Construction of about 470 homes for about 1,000 residents at Lindenau Harbour, rented and owner-occupied housing, also preschool centre, restaurants and businesses; total area about 17 hectares
Total investment: About €150m (various investors)
Implementation: Construction began in February 2017; 88 homes completed by autumn 2018, nursery school in 2019

Parc du Soleil: Residential project in north Leipzig

Location: Converted military hospital on Max-Liebermann-Strasse
Project details: Redevelopment of a site about 6.7 hectares in size in the borough of Möckern to create a mixed residential estate with services and other businesses; about 176 apartments to be built in existing two- and three-storey buildings; three of four construction phases already underway
Total investment: About €60m
Implementation: March 2015 until mid-2018

Redevelopment of army bakery site

Location: Olbrichtstrasse (boundary between Gohlis and Möckern)
Project details: Redevelopment of listed military bakery (built in 1890), 36,500 sqm site, 15 buildings, outdoor parking spaces and underground car park, park setting with large adventure playground
Total investment: About €60m
Implementation: From 2017

New nursing home in Eutritzsch

Location: Junction of Görlitzer Strasse and Ecke Schönefelder Strasse
Project details: 4,935 sqm site, 113 residential care places in single and twin rooms, 15 day care places
Total investment: About €17m
Implementation: completed in December 2018

Gohliser Höfe: New residential development

Location: Lützowstrasse/Wilhelm-Sammet-Strasse
Project details: Building complex formerly owned by Bleichert works; refurbishment and newbuild; additional commercial units and offices; construction of residential development with 145 apartments and 12 commercial units
Total investment: Approx. €28.8m
Implementation: April 2014 until 2018

Schumanns Gärten: New residential development

Location: Dresdner Strasse, Salomonstrasse
Project details: Site of former printing works including Interdruck-Palais, residential development with 159 apartments (40–120 sqm living space) on an area of 10,689 sqm; 9 commercial units on a total of 1,562 sqm; underground car park for 93 vehicles
Total investment: Approx. €36.2m
Implementation: 2015 until late-2017

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