



**City of Leipzig**  
Economic Development Office

# LEIPZIG MEANS BUSINESS **2018**

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## In the top ten German cities

Ask around in Leipzig, and you'll soon hear a lot of good things about its economic development. A whole raft of small and medium-sized enterprises has successfully developed since 1990, the year of German reunification. Major challenges have been tackled, impressive innovations produced, and new markets tapped. Many Leipzig SMEs have long been active on markets abroad. And for the major corporate investments over the past two decades – Porsche, BMW, DHL and Amazon – access to international markets was part and parcel of their decision to come here from the outset.

Top marks in public surveys and business chambers' assessments for the economy and the public administration in Leipzig may be gratifying, but they're not a safety net. The sharp increase in economic muscle – a source of higher municipal revenues which can then be reinvested – remains one of a list of development goals.

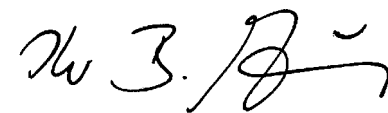
For the biggest city in central Germany, a considerable milestone is fast approaching: a population of 600,000. Leipzig is consolidating its place in the top ten German cities and pushing ahead with municipal investments in kindergartens and schools in response to the growing share of young people. The associated challenges for the municipal finances will continue to accompany us over the next few years and guide our political actions.

To enable high-quality urban development and consolidate Leipzig's position in a regional and international context, the formulation of binding strategic goals as well as their regular evaluation, updating, underpinning and steering are among our central tasks. It was for this purpose that the Integrated Urban Development Concept for Leipzig was drawn up in a wide-ranging process with broad public involvement and adopted by Leipzig City Council in May 2018. Building on the challenges of a growing city, this long-term, cross-departmental roadmap for Leipzig formulates both a target vision for Leipzig in 2030 and an action strategy for the urban space. What's special about the Integrated Urban Development Concept is that it was produced internally without the involvement of external consultants.

The City of Leipzig is participating in the EU project Triangulum exploring the areas of digitalization and smart city. Last year, the Department of Economic Development and Employment successfully initiated the project Smart Infrastructure Hub and proceeded to implement it with HHL Leipzig Graduate School of Management and Spin-Lab. A large number of local government departments, direct service organizations and other companies (especially those in the Leipzig Group) are pursuing

their own digitalization strategies, in some cases with significant results, pilot projects and initiatives using various national and EU funding programmes. In doing so, the city has reached a stage of development where a steering and coordination function is urgently required. To meet this requirement, the Department of Economic Development and Employment will be expanded this year to include a Digitalization Unit.

Leipzig is a growing, multifaceted business centre and an international transport hub. Investors are already benefiting enormously from this combination. We invite talented, enterprising people to join in the further successful development of our city. All the relevant facts are contained in Leipzig Means Business. We'd love to hear your response!



Burkhard Jung  
Mayor of the City of Leipzig



## Hitting the digital turbo button

All the economic sectors in Leipzig have undergone profound structural change over the past two decades. Now they face the challenges of digitalization. The technological revolution is permeating the entire economy at turbo speed, almost certainly with requirements and results which at the moment are barely discernible. Thanks to digitalization, something which initially played merely a supporting role when ICT was still in its infancy is now growing into a networked, structural component of economic output which is intrinsic to all sectors and segments.

In Leipzig's administration, appropriate structures are being set up in the form of the new Digitalization Unit within the Department of Economic Development and Employment. It will provide additional support to businesses which have already arrived in the digital realm and are rigorously adapting their processes to future requirements – and point small companies struggling with the rapid pace of change in the right direction so that they can keep up with the main trends and make their operations more successful.

A growing city has huge potential in terms of labour – especially when the level of training and qualifications is above average, as in Leipzig. In turn, an ambitious city undergoing growth relies on a responsive job market. Well-founded strategies for the success of the traditional relationship between supply and demand are outlined by the Integrated Urban Development Concept.

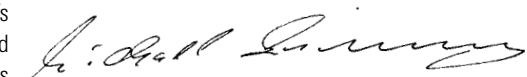
The further Leipzig advances along its development path, the deeper its involvement in the global economy will become. Successes – such as persuading Siemens to maintain its turbine plant in Leipzig and the strategic development of machine tool specialist Mikrosa by a new owner – are all part of the economic ups and downs, one of the latter being the closure of Halberg Guss's Leipzig plant. Leipzig's economic mix will continue to develop. And that, too, is part of the 'global reality' which, despite setbacks, on the whole clearly points upwards and onwards with new jobs being created in new areas.

Coordinated activities by the Office for Economic Development, the business chambers and the local institutions of higher education aim to play to Leipzig's specific strengths in the trend of digitalization and develop competitive advantages. Important impetus is provided by the founder scene and the startup segment. The fact that the boundaries between everyday higher education, business ideas and startups which are already up and running are in a state of flux is a healthy sign of

the forward-moving spirit and the innovative powers of those involved.

Sometimes, logjams in the development and maturing of business ideas can easily be solved by finding suitable premises, potential partners or appropriate funding instruments. In such cases, Leipzig's Office for Economic Development should be the first port of call. It has already provided extensive support to a wide range of both young and experienced companies and offers all innovators and investors tailor-made tools for future digital success stories.

Get ideas on how you can become part of Leipzig's competitive, forward-looking economic structure. We've outlined the main things you need to know in this latest edition of Leipzig Means Business.



Dr Michael Schimansky  
Acting Director of the Department of  
Economic Affairs and Employment and  
Head of the Office for Economic Development





Growth isn't an end in itself. We want to create quality growth so that we can continue to live well in the future. For this we need adaptable, diverse urban structures, a functioning system of sustainability management, and mutual support.

Source: Integrated Urban Development Concept for Leipzig 2030

# Quality growth



## 2030: Leipzig's sustainable growth!

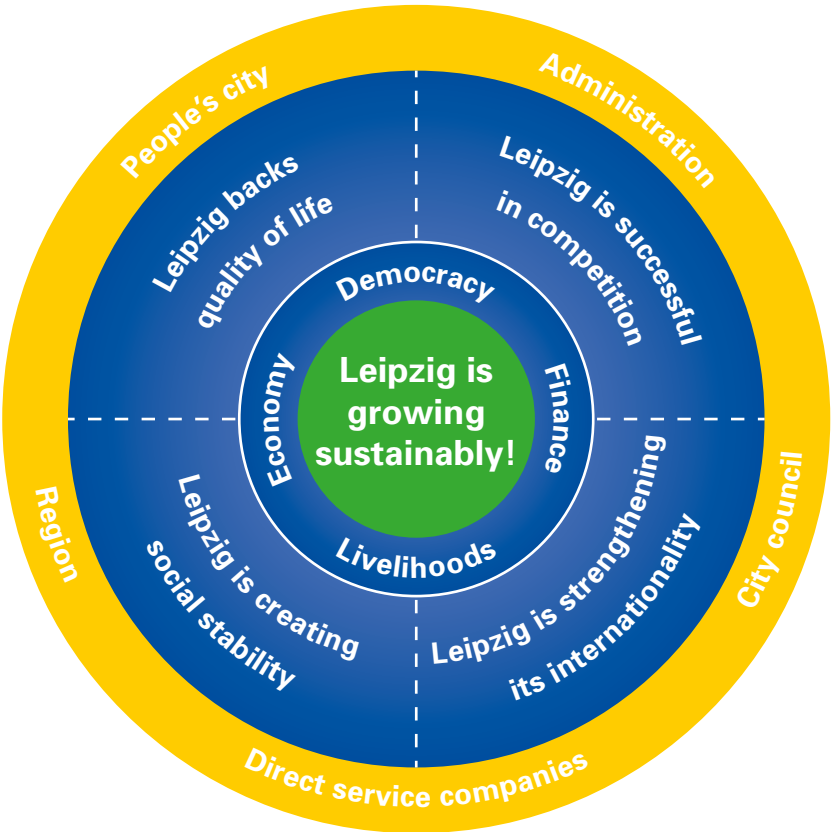
Integrated Urban Development Concept Leipzig 2030:  
Strategic target vision, goals and key activities

**Leipzig advocates  
Quality of life**

- > Quality of life
- > Balance between densification and open spaces
- > Quality in public spaces and architecture
- > Sustainable mobility
- > Precautionary climate and energy strategy
- > Preservation and improvement of environmental quality
- > Neighbourhood-based cultural, sports and leisure facilities

**Leipzig is creating  
social stability**

- > Equal opportunities in the inclusive city
- > Community neighbourhood development
- > Affordable housing
- > Forward-looking childcare and schools
- > Lifelong learning
- > Safe city



**Five-figure population growth continues**

For the sixth year running, in 2017 the population of Leipzig rose again by more than 10,000 inhabitants. According to the Population Register, at 31 December 2017, 590,337 people were registered as having their main place of residence in Leipzig (the biggest city in the region of Saxony), 10,807 more than a year beforehand. Over the past six years, the population has increased by 72,499 or 14.0%. Once again, growth in 2017 was mainly attributable to the influx of new residents. That same year, the average age of Leipzigers dropped to 42.4. The average age of Germans according to the German Department of Statistics' most recent calculation in 2015 is 44.3.

**Population to reach 700,000 by 2030**

According to the main scenario of the City of Leipzig's 2016 population forecast, the number of inhabitants is set to continue rising sharply, climbing by about 154,000 (+27%) to around 722,000 by 2030. The low scenario projects the population to grow to nearly 674,000.

**Leipzigers with a migrant background**

By the end of 2017, 83,406 Leipzigers (14.1% of the population) had a migrant background. In addition to 56,011 foreigners (9.5%), 27,395 people with both German citizenship and a migrant background were registered in Leipzig.

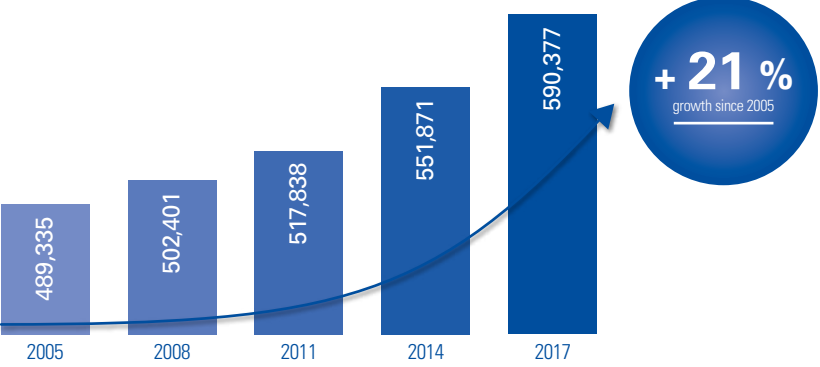
**Baby boom**

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 2017, 6,976 children were born in Leipzig – 103 more than in the previous year and the highest number since German unification in 1990. In the same year, there were 6,287 deaths. This was the fourth year in a row that there was a birth surplus, something which hadn't been recorded for nearly 50 years beforehand.

**Population within a radius of ...**

- 40km/1.7 million
- 100km/6.8 million
- 250km/28.6 million

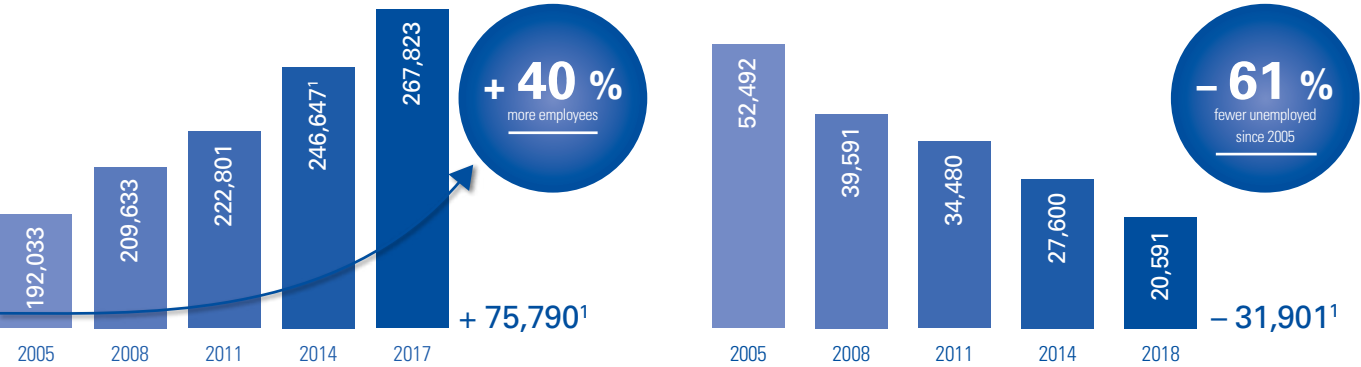
**Population of Leipzig**



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



# Economic growth continues



<sup>1</sup> 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.



## Industrial sector in central Germany remains upbeat

The industrial sector in the core region of central Germany, which comprises the area covered by the Chambers of Commerce and Industry of Leipzig and Halle–Dessau, found itself in very good shape again in spring 2018. Economic development over the past twelve months has been very good across all sectors, benefiting a large number of companies. In particular, assessments of current business have improved significantly. The business climate index for central Germany rose again on the previous year to nearly 89 points, a new all-time high.

## State of business further improved

The business situation in central German companies has developed positively over the past twelve months. Demand has been boosted by consumption as well as rising exports and investment. As a result, the assessment of current business has significantly improved. Fifty-six per cent of companies rate their business situation as good with just 7% dissatisfied. The balance of good and poor ratings climbed 8 points on the previous year to 49 points.

## Business expectations very optimistic

The business outlook for the industrial sector remains very optimistic. The balance of business expectations

is 19 points, 2 points down from last year's record level. Although the general economic environment remains favourable, economic uncertainty has been caused by foreign policy and foreign trade risks such as the unforeseeable effects of Brexit and protectionist tendencies. Investment activity is continuing to pick up. However, businesses are also under pressure to invest internally in response to persistently high demand and the growing digitization of business processes. And companies' HR requirements are also rising.

## Export expectations confident despite global risks

Despite the increasing danger of protectionist developments in world politics, industrial companies in central Germany remain confident about their export prospects. In fact, optimistic companies exceed pessimists by a factor of four to one. Businesses profit from the positive economic development in the European Union, their main foreign market. Mind you, export demand is also buoyed by economic growth in China, the USA and many emerging markets.

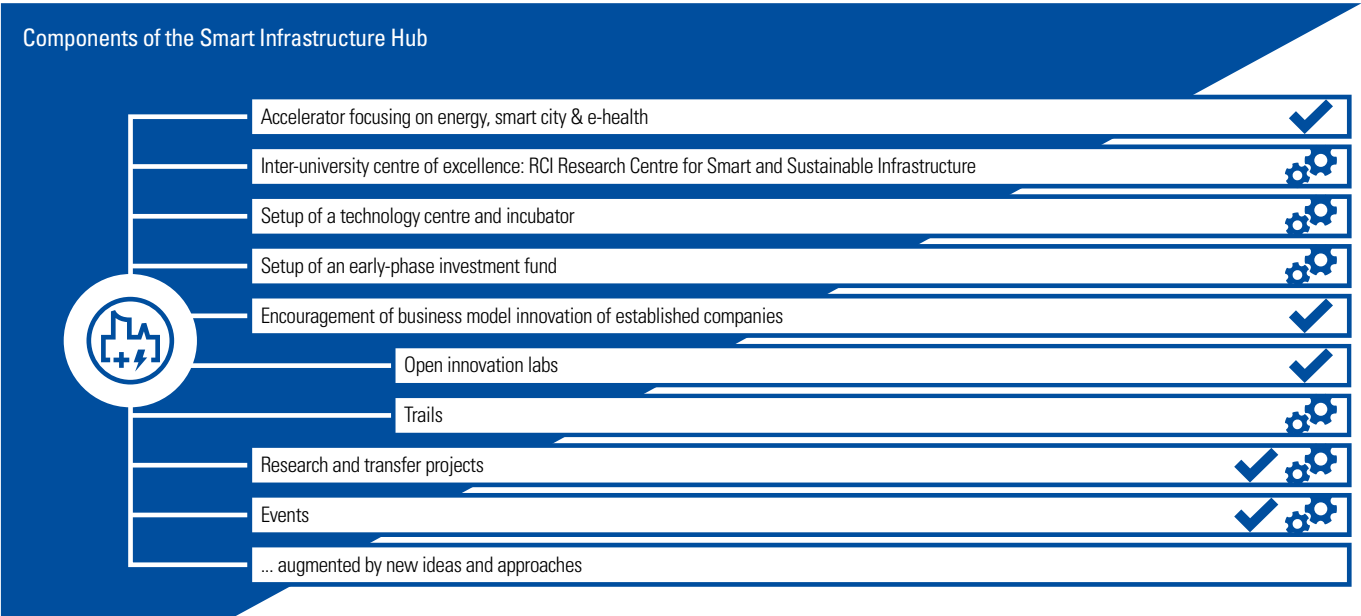
Source: Economic Report for Central Germany, Halle–Dessau and Leipzig Chambers of Commerce and Industry and Chambers of Small Industries and Skilled Trades, 2018. A total of 1,718 firms in these four business chambers responded to the survey.

## Contact

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# Future network: Smart Infrastructure Hub

Ecosystem made up of diverse activities in Leipzig and Saxony



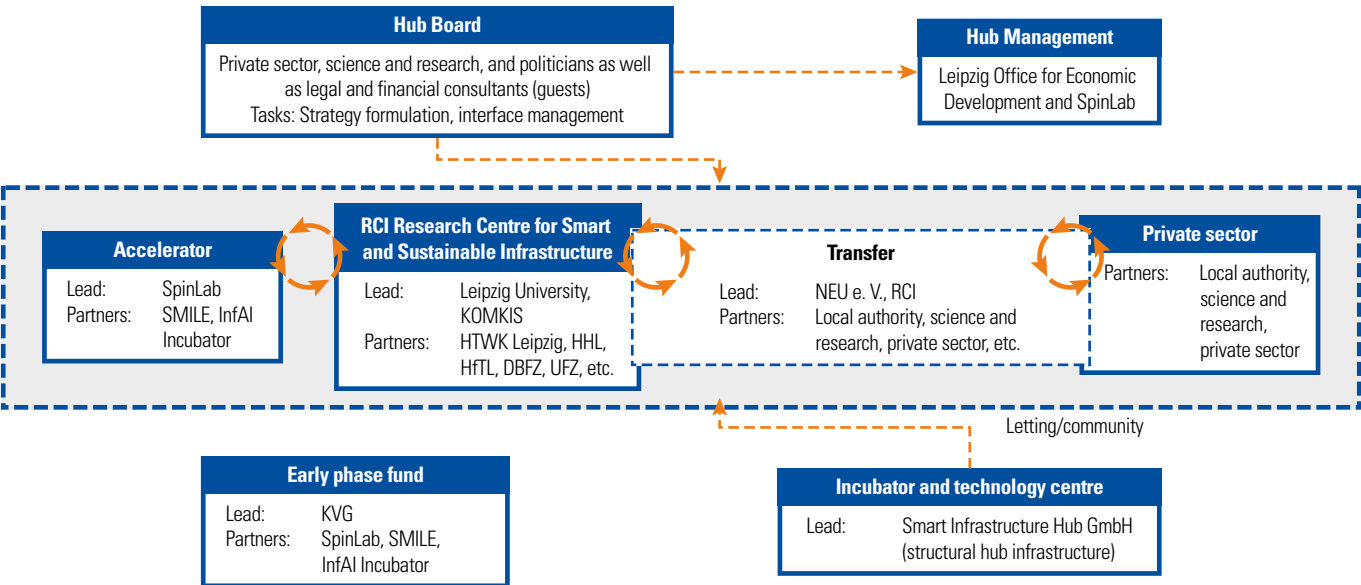
The City of Leipzig's application to be declared a Digital Hub focusing on Smart Infrastructure was approved by the BMWi German Ministry for Economic Affairs and Energy. Given its internationally successful startup regions, in its Digital Hub Initiative, the German government is expressing its conviction that such regions are particularly successful if three elements are regionally networked and work closely together:

- A creative startup scene
- Financially strong companies contributing liquidity
- Internationally recognized top-level research in the relevant field

The fact that the City of Leipzig has these three strengths in the area of Smart Infrastructure is evidenced by its success in the BMWi's Digital Hub Initiative.



## Management & Governance Structure of the Smart Infrastructure Hub





# Growing Leipzig fortified by new startups

## It pays to invest in Leipzig!

Leipzig has a host of successful startups, founder-relevant actors and event formats. The city currently attracts many founders from elsewhere because of its high quality of life and relatively low costs. Numerous incubators and coworking spaces offer founders business premises, expertise and dialogue on floorspace totalling several hectares.

## Leipzig attracts founders

Leipzig is experiencing a new wave of startups with an estimated 150–200 currently operating in the city. Whereas initially, startups in Leipzig focused on eCommerce – one example being 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 areas of infrastructure such as energy (e.g. Energy2market, Rhebo, SENEK/Deutsche Energieversorgung) and mobility (nextbike, ekoio, busnetworkx).

In the life sciences, healthcare and biomedical engineering, the established players include companies like futalis and PHACON.

Leipzig is more successful than anywhere else in eastern Germany at attracting startups from elsewhere. They either open branches there (e.g. travago, CHECK24, Verivox) or even relocate lock, stock and barrel to Leipzig (e.g. DIPAT, QLX, Sensape, food.de, Wundercurves, SelfID Technologies). Leipzig is truly a Digital Hub!

## Examples

### ugb business start-up centre

- **9,664** new jobs
- **6,752** startups in 20 years

### SMILE

- Over **1,100** new jobs
- Over **440** startups in 11 years

### HHL Leipzig Graduate School of Management

- **10,000** new jobs
- **250** startups in the last 18 years

### SpinLab – The HHL Accelerator

- **200** new jobs
- **40** startups

### Basislager

- **180** new jobs
- **60** startups

### Social Impact Lab

- **100** startups

### Leipzig University

- **322** startups in 11 years

The booklet 'New Wave of Startups in Leipzig' published by the Office for Economic Development gives an updated overview of startup activities in the city.  
[www.leipzig.de/wirtschaft-und-wissenschaft/unternehmensservice/publikationen-und-downloads/](http://www.leipzig.de/wirtschaft-und-wissenschaft/unternehmensservice/publikationen-und-downloads/)

## LEIPZIG HAS A LIVELY STARTUP ECOSYSTEM

### Founders' initiatives, incubators

- 2b AHEAD Ventures
- AGIL GmbH Leipzig (technology scouts)
- Basislager Coworking for Startups and Freelancers
- futureSAX – Innovation Platform of the Free State of Saxony
- HHL Leipzig Graduate School of Management
- Incubator for Technology Startups, InfAI Institute for Applied Informatics
- SMILE – Self Management
- Initiative LEipzig
- Social Impact Lab Leipzig for Social Startups
- SpinLab – The HHL Accelerator
- StarterCenter of the Chamber of Commerce and Industry and the Chamber of Small Industries and Skilled Trades
- ugb business start-up centre

### Competitions for founders

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

### Event formats for founders

- Accelerate@HHL Conference
- Chaos Communication Congress
- DreamHack Leipzig
- Women Overtake Differently
- FuckUp Nights Leipzig
- futureSAX Founders' Forum (Leipzig)
- Founders' breakfasts and discussion forums (e.g. Basislager, Gründernest, SMILE, Social Impact Lab)
- Hackathons
- HHL International Investors Day
- Chamber of Commerce and Industry Founders' Evening
- SMILE Coaching for Founders
- Startup SAFARI Leipzig
- Startup Weekend

### Coworking spaces

- Basislager Coworking
- chaos coworking
- Contorhaus
- Design Offices
- eis30 Coworking
- plug and work
- Raumstation Coworking
- Rent 24
- Rockzipfel
- sekretär coworking
- SIMPLIOFFICE – event and brand service
- Social Impact Lab
- South L.E. Desks
- Studio Delta
- Tapetenwerk

### Company builders

- BIO CITY Leipzig (technology centre and incubator for life science startups)
- Business & Innovation Centre Leipzig (BIC)
- ciT Leipzig GmbH
- evermind
- EGZ (training and consulting)
- GaraGe (centre of excellence for youth, technology and education)
- Ideentransfer GmbH
- Makerspace Leipzig (open workshop)
- SIKT (Saxon Incubator for Clinical Translation)
- Starter Space (retailer of startup products)
- Virtual Reality Lab of DREFA

### Networks

- 2b AHEAD Club
- Basislager
- Cluster IT Central Germany
- EXIST Founders' Network
- futureSAX – The Innovation Platform of the Free State of Saxony
- Gründernest Leipzig
- HHL Start-Up Bootcamp
- Kreatives Leipzig e. V.
- Kompetenzzentrum Kultur- & Kreativwirtschaft des Bundes (government centre of excellence for culture and creatives)
- SMILE (founders' network of institutions of higher education and research institutes)
- SpinLab – The HHL Accelerator
- Start-up Central Germany
- West Leipzig Entrepreneurs' Network
- startup-mitteldeutschland.de (regional online new magazine)



Functioning mobility means quality of life and is a basis for Leipzig's further economic development. The challenge is to further develop the finite space of the transport infrastructure in order to gradually increase green, efficient mobility and strengthen ecomobility.

Source: Integrated Urban Development Concept for Leipzig 2030

# Sustainable mobility



# 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

- 2018

- Decision taken to site Germany's new Federal Highway Administration in Leipzig
  - New MDV seasonal bus routes for 'hop-on, hop-off' travel around Leipzig New Lakeland south of the city
  - New coach station is opened on the east side of Leipzig Central Station
  - New local railway stations built at Essener Strasse and Mockauer Strasse without halting train services
- 2017

- Biggest German Unity Transport Project (the high-speed rail link Berlin–Leipzig/Halle–Erfurt–Nuremberg–Munich) goes into service in its entirety in time for the start of the 2018 timetable
  - 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: Building work begins on the new coach station
  - Mulde Valley bus network: Second phase starts
  - New bus networks around Leipzig increase travel options for commuters and tourists
- 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 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)
- 2015

- 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 inaugurated
  - 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 fares
- 2000

- Airport: 3.6km Runway North opens





## Leipzig/Halle Airport: Freight millionaire



### Employment powerhouse

Leipzig/Halle Airport remains a sustainable economic factor for the region. In 2017, the number of people working at the airport rose by 9.2% on the previous year to a total of 8,609. They're employed by over 100 companies and public authorities.

### 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 2017:

- Take-offs and landings: 69,815
- Freight volume: 1,138,477 tonnes
- Passengers: 2,365,141

– [www.leipzig-halle-airport.de](http://www.leipzig-halle-airport.de)

### Trimodal benefits of Leipzig/Halle Airport

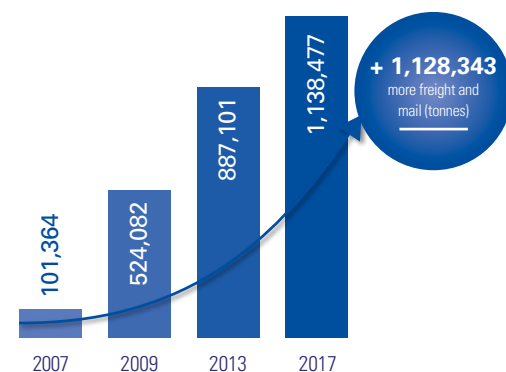
Leipzig/Halle Airport has a wide range of outstanding advantages:

- 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.

### Growth of freight and mail (tonnes)



Source: Leipzig/Halle Airport

### Leading European cargo airport

In 2017, cargo traffic at Leipzig/Halle Airport rose to a record level for the thirteenth year in a row when total freight reached 1,138,477 tonnes, increasing by 8.2% and easily surpassing the 1,000,000-tonne mark. 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.



## Green light for commercial traffic

### Improved transport axes across the growing city

Day and night, all sorts of drivers come together on Leipzig's road network with a combined length of some 1,700 kilometres. They range from individual drivers to commercial traffic, from delivery vehicles entering the city centre to national freight transport, and from everyday use to major events attracting tens of thousands of travellers. The challenge for traffic planners and builders is to maintain the limited transport space available as well as possible with the financial resources available as well as to make optimum use of it in connection with organizational measures. Complex road construction projects coordinated between the City of Leipzig, local transport operator LVB and the municipal waterworks and implemented within a tight schedule have proved very successful. All districts of Leipzig benefit from the long-term road and bridge construction programme. Following the opening of Antonienbrücke bridge leading to the huge housing estates

in Grünau at the end of 2016, the construction of the new road bridge on Karl-Heine-Strasse began in the spring of 2018. Preparations are currently underway for the complete rehabilitation of the double bridge on Georg-Schwarz-Strasse in west Leipzig – an intersection integrating several roads, two tram stops and bus stops, and a local railway station.

The overall view of the road and traffic situation in Leipzig is based on six scenarios being used to draw up the latest local transport plan, scheduled to be published at the end of 2018.

Following solid analyses and traffic counts, Leipzig's business chambers are now arguing for the orbital system made up of important transport axes to be completed and prepared for the demands of increasing commercial traffic in the growing city.

### Federal Highway Administration to be based in Leipzig

As part of the redistribution of the top federal authorities, the Federal Ministry of Transport and Digital Infrastructure has decided to locate the new Federal Highway Administration in Leipzig. The German government's future planning of the country's motorway network will be centralized here in order to speed up planning and approval procedures. Around 1,000 high-quality jobs will be created in the new authority and its branches.



### LVB: Campaign of investment

In 2017, the number of passengers using LVB's local public transport services rose by 8 million to a new record. This growth is well above the German average and can largely be attributed to the sharp increase in the number of season tickets purchased. The popularity of local transport has also been raised by improvements to LVB's offering such as evening and night-time services as well as more early-morning services at weekends, all boosting LVB's revenue. In addition, modernizing the fleet has made public transport more attractive. 2017, the company continued its investment campaign by spending €48.8 million, a visible sign of this activity being LVB's new 'XL' trams. Furthermore, the acquisition of new buses and the reorganization of the ticket sales network exemplify LVB's modernization programme and offer passengers more choice. In 2018, the company is continuing to invest in improving the efficiency of Leipzig's growing public transport network. For example, in April 2018, the new N17 night tram route was started, supplementing the Nightliner buses and the 10 tram line, which also operates throughout the night. And the new 86A bus route takes employees of BMW and the other companies based at North Leipzig Industry Park to work from the bus stop at the Leipziger Messe exhibition centre with a reduced journey time. LVB is also strengthening its commitment to environmental protection. Since early 2018, the transport operator has used exclusively green electricity, thus avoiding the emission of about 40,000 tonnes of CO<sub>2</sub> every year.



## New coach station opens

In March 2018, the coach station on the east side of Leipzig Central Station was inaugurated. Weatherproof departure bays and customer-friendly facilities on the ground floor as well as a multi-storey car park on the upper floors create a new transport hub with transfer options between local transport and long-distance services to destinations throughout Germany and in central Europe. The coach station in Leipzig is regarded by insiders as a prototype for similar projects planned in several German cities over the next few years.



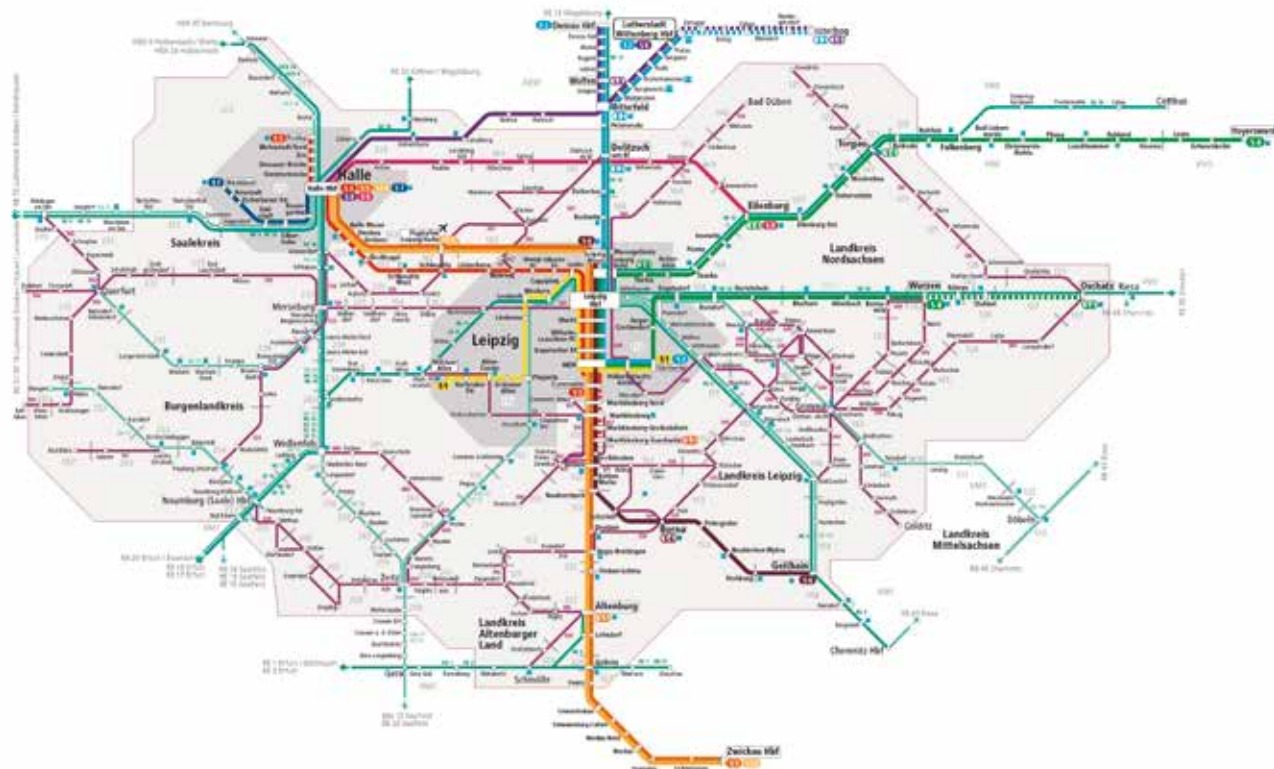
## Well connected: Urban and mainline transport

### MDV: Mobility in central Germany

MDV Mitteldeutsche Verkehrsverbund is a management company coordinating local transport services in central Germany. They include a networked transport service, a single pricing structure, passenger information and ticket purchasing options. The 20 transport operators within MDV connect the cities of Leipzig and Halle with the small towns and rural areas in the surrounding districts and thus form a significant location factor in the region covered. Serving 225.2 million customers annually, passengers can

use all the local and regional trains, buses and trams in the MDV zone with just one single ticket. What's more, all services are coordinated. The area served by MDV will be increased in December 2019, allowing passengers to use trains to Dessau-Rosslau as well as the districts of Wittenberg and Anhalt-Bitterfeld on a single ticket.

— [www.mdv.de](http://www.mdv.de)



## High-speed travel to the north, south and west

The arrival of the new 2018 timetable was accompanied at Leipzig Central Station by the grand finale of the German Unity Transport Projects. The biggest and longest of them – the mainline rail link between Berlin and Munich via Leipzig and Halle – has now gone into service in its entirety following the conclusion of individual sections. The route comprises the upgraded Leipzig–Berlin stretch

of track (completed in May 2006), the newly laid section between Leipzig and Erfurt (in use since December 2015), and the high-speed route from Erfurt to Ebensfeld recently commissioned. Investment in the entire project totalled about €10 billion. The advantage for passengers is of course much shorter journey times.

### Two more railway stations under construction

Nearly five years after the inauguration of the city-centre tunnel and the new local railway network serving central Germany, two new railway stations are currently being built on Essener Strasse and Mockauer Strasse. The aim is to improve rail links between housing estates in north Leipzig with the city centre. These two accessible stations allow passengers to change between the rail network and the public transport services run by LVB.

— [www.s-bahn-mitteldeutschland.de](http://www.s-bahn-mitteldeutschland.de)



### 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 line 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 manufactured by Kirow in Leipzig.

### Capacity increase for Wahren Multimodal Terminal

The multimodal terminal in the district of Wahren is Leipzig's central freight handling hub. Originally opened nearly 20 years ago, following recent expansion, its annual handling capacity has now been doubled to 240,000 containers. Wahren Multimodal Terminal has a pivotal function in the trans-European rail freight corridors from northern Europe to Italy via central Germany, southern Bavaria and Brenner Pass as well as from Germany's North Sea ports to southeast Europe via the Czech Republic and Hungary.



The basis of sustainable growth is Leipzig's economic strength. Only a crisis-proof economic structure and more skilled jobs can secure the scope necessary for development and ensure the increasing revenue required if the city is to carry out urgently needed additional investment in public services and improve income levels for the population.

Source: Integrated Urban Development Concept for Leipzig 2030

# Modern combination of industries



## 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

**For businesses**

**For universities and research centres**

**For the general public**

**For Leipzig**

- 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 2018 based on WZ 2008 (German Classification of Economic Activities)



### Cluster assignment of company employees in 2016 based on WZ 2008



### Cluster assignment of taxable revenue for goods and services (excluding VAT) in 2016 based on WZ 2008



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

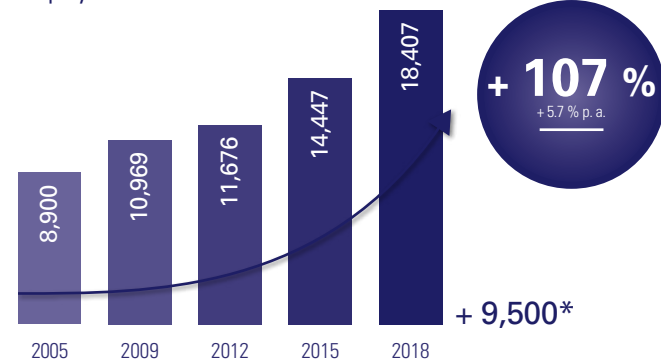


The Automotive & Suppliers Cluster may be one of the youngest in Leipzig – yet it's also been one of the most influential ever since Porsche's decision in 1999 to build an assembly plant for the Cayenne in Leipzig. This was followed just two years later by BMW choosing Leipzig for its new production plant for 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.



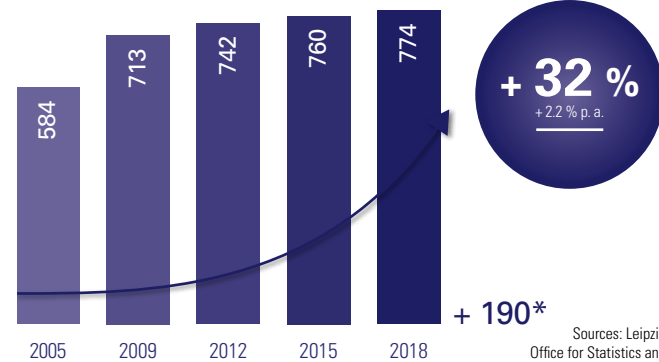
# Automotive & Suppliers

Employees



\* 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 VZ 2008.

Businesses



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

## Milestones in the development of BMW's Leipzig plant

- 2018** — Expansion to be completed in 2020. BMW's production programme in Leipzig now 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** — As well as the 3 Series, BMW starts producing the 1 Series three-door hatchback, Coupé and Cabriolet in Leipzig
- 2005** — Plant opened; 3 Series goes into production

## Milestones in the development of Porsche's Leipzig plant

- 2018** — Porsche announces fifth plant expansion for the next-generation Macan
- 2017** — New, ultramodern training centre opened
- 2016** — Volume production of the next-generation Panamera starts; millionth Porsche built in Leipzig comes off the production line
- 2014** — Work begins on expansion for the complete production of the Panamera (600 new jobs)
- 2013** — Production of the new Macan launched (about 1,500 new jobs)
- 2009** — Panamera luxury four-door sedan goes into production
- 2003** — Plant expanded for the exclusive production of the Carrera GT
- 2002** — Plant initially opened for the exclusive assembly of the Cayenne

## Network partners get the automotive industry moving

Close cooperation between production specialists and cutting-edge researchers taps synergy and is a key strategic principle of competitive manufacturers. To speed up state-of-the-art development, groups and networks have been set up with key companies based in the Leipzig 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

## Automated Parking in West Leipzig

Running from 2018 to 2020 and funded by Saxon reconstruction bank SAB, the aim of this project is to create an automated solution for car park operators. The partners include Dresden University of Technology, various innovative companies, and the Office for Economic Development. Instead of using GPS, the system is based on new sensor technology to automatically navigate cars to free spaces in car parks. As well as positioning and driving functions, an app is being developed with additional parking-related services such as book and pay online, 'find my car', and novel solutions for city logistics in multistorey car parks.

## eJIT: Electrification of just-in-time logistics

This project funded by the BMWi Federal Ministry for Economic Affairs and Energy was launched in 2016 and will be concluded in 2018. Two fully electric 40-tonne tractor units are being built and tested at Porsche in Leipzig and Volkswagen in Zwickau. The other partners are Schnellecke Logistics, IAV Automotive Engineering



## Clean air 2017–2020

Federal Transport Minister Andreas Scheuer (CSU) handed over the subsidy notice for almost €180,000 under the Clean Air 2017–2020 emergency programme for Project DataLoTcE (Data Infrastructure for Leipzig Open Traffic & Environment) to Holger Wollschläger, project manager at Lecos GmbH, in Berlin on 26 July 2018.

**eJIT**  
Project partners: VW Saxony, Porsche Leipzig, Schnellecke Logistics, IAV Automotive Engineering, AMZ Saxony

**Automated Parking in West Leipzig**  
Project partners: Dresden University of Technology (ITVS Information Technology for Transport Systems), Glts Cotech, Dresden Electronics, Fusion Systems, Metirionic, IRK Dresden, AMZ; associate partners: LGH and Leipzig Office for Economic Development

**DataLotce**  
Project partners: Lecos, Leipzig University (Department of Business Information Systems), Syface; associate partner: Office for Economic Development

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Porsche: Go-ahead for plant expansion

**Growth continues**  
Porsche is investing in the further expansion of its Leipzig plant. By deciding to manufacture the next generation of the Macan in Leipzig, Porsche is laying the foundations for continued growth and the production of future models. Over the next few years, investment is set to total a mid-nine figure sum. Since construction work on its Leipzig plant began in February 2002, Porsche has invested more than €1.3 billion there. In 2017, production in Leipzig exceeded 156,000 cars.

**Community spirit**  
In 2018, Porsche raised its environmental credentials by doubling the number of honey bees on the factory grounds to three million. Porsche demonstrates its commitment to the region in a variety of other ways, too, such as with the Porsche Safari (a 4-kilometre wildlife trail for youngsters), as a youth support partner at football club RB Leipzig, and by presenting both the concert season ‘Klassik airleben’ with the Gewandhaus Orchestra and the annual Leipzig Opera Ball.

BMW Leipzig: Spearheading electromobility

The BMW Group’s car plant in Leipzig continues to operate at full throttle, the output of traditional vehicles now having reached full capacity at more than 860 daily. They’re joined by over 120 electric vehicles: BMW i3s and i8s. In 2017, the Leipzig plant turned out 246,043 cars. 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 spearheading 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 polymer), the plant leads the world in smart lightweight construction. All in all, the BMW Group has invested over €2 billion in its Leipzig plant.



NZWL shifts into top gear

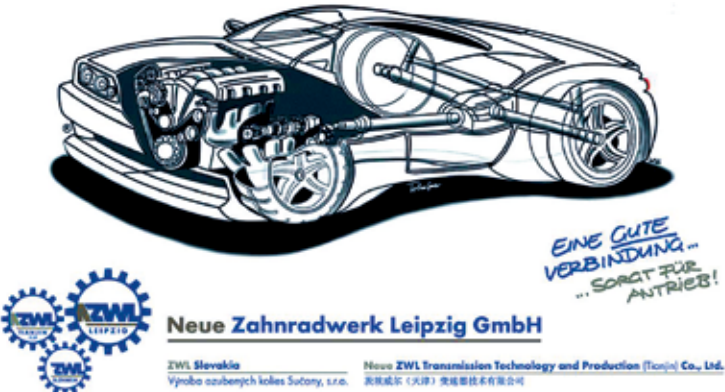
Neuen ZWL Zahnradwerk Leipzig GmbH is an international manufacturer of engine and transmission components, gears, complete transmission units and fully assembled gearboxes for the automotive industry – and is continuing to develop into a global supplier. This medium-sized OEM, which until now has largely generated sales 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. It acquired a production plant in the Slovak town of Sučany in 2008

GF Casting Solutions Leipzig GmbH

This Leipzig foundry owned by the Swiss GF Casting Solutions AG, a division of Georg Fischer AG, is doing brisk business. 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 general engineering. 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, GF Casting Solutions is now moving into bionic cast design. The use and development of new materials and technologies, such as the new centre of excellence for 3-D printed sand cores underline its position as a long-term, valued partner for clients in Germany and abroad.

Faurecia: Clean mobility solutions from the region

Since its foundation in 1997, Faurecia has become a major player in the global automotive industry. In fact, it’s now the world leader in three areas: seating, interiors and clean mobility. Operating at 290 sites (including 30 R&D centres), it has a total headcount of 109,000 employees in 35 countries. Its technology strategy is focused on solutions for smart vehicle interiors and sustainable mobility. In 2017, its total sales of €20.2 billion included added value of €17.0 billion. Specializing in clean mobility, Faurecia’s Leipzig branch is a just-in-time plant producing exhaust systems exclusively for its client next door: Porsche. The plant employs about 70 people and in 2017 delivered 200,000 exhaust systems.



and another in Tianjin in China in 2014. Nowadays, NZWL employs nearly 1,000 people.

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 by EMAG in the Leipzig region include EMAG’s VMC MT series, whose five axes make the production of large, complex components faster and more flexible.



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)

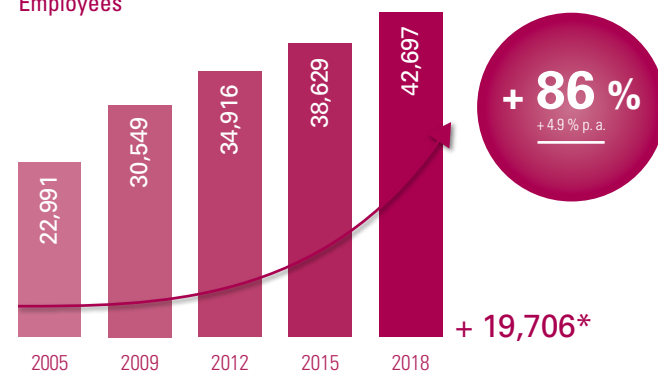


Leipzig is home to a wide range of advanced university medicine and research as well as regenerative medicine and biotech. Leipzig University, Leipzig University Hospital, Heart Centre Leipzig and the IZI Fraunhofer Institute for Cell Therapy and Immunology are just four of the many scientific institutes and hospitals. The raft of international healthcare conventions and medical exhibitions held in Leipzig such as the OTWorld International Congress, the 99th German X-Ray Congress and the LINC Leipzig Interventional Course underline the city's importance as a stronghold of medicine.



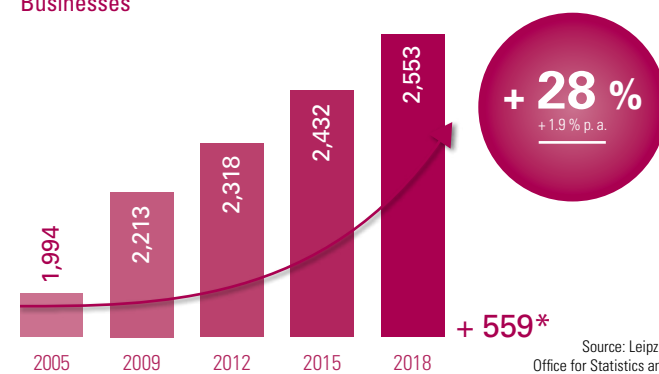
# Healthcare & Biotech

## Employees



\* 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.

## Businesses



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

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

- 2018** — Helmholtz Association, Fraunhofer Society and Faculty of Medicine initiative promotes two translational pilot projects at the IZI Fraunhofer Institute for Cell Therapy and Immunology
- HI-MAG Helmholtz Institute for Metabolic, Adiposity and Vascular Research founded
- Centre of excellence for obesity research set up
- Leipzig University opens the first medical didactics centre in central Germany
- University centre for treatment research founded
- Artificial Joint Endoprosthetics Network and the IWU Fraunhofer Institute for Machine Tools and Forming Technology declared

- ZIM Central Innovation Programme Central Germany projects by the BMWi Federal Ministry for Economic Affairs and Energy
- DIPAT GmbH wins E-Health Award in the nationwide initiative We Do Digital at Cebit
- Leipzig University Hospital opens Haus 7 (its largest newbuild to date) mainly used by paediatrics and oncology
- Institute for Transfusion Medicine celebrates 85th anniversary of blood donation at Leipzig University Hospital
- SMITH Smart Medical Information Technology for Healthcare is launched, funded by the BMBF German Ministry of Education and Research's Medical Informatics Initiative

## 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

In its 2017 report, the German Council of Science and Humanities found that medical research at Leipzig University had undergone remarkable development, achieving great national and in some cases also international success. 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.unimedizin-leipzig.de](http://www.unimedizin-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, the some 3,000 students reading medicine are trained on medical simulators and mannequins in 14 practice rooms where complex treatment situations are replicated. In addition, on 2 December 2017, the first Medical Didactics Centre in central German was opened at Leipzig University.

## 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. Leipzig University Hospital continued on its successful path in 2017. The high quality of the diagnosis and treatment provided was demonstrated again by the further increase in patient numbers. To meet this high demand, the buildings and infrastructure of the campus in central Leipzig need to be constantly upgraded. Following an important milestone with the completion of the Vascular Medicine Centre in 2017, the largest newbuild project



at Leipzig University Hospital was opened in September 2018. It contains urgently needed premises mainly for paediatrics and the UCCL University Cancer Centre Leipzig. All in all, €58 million was invested in this building with a total floorspace of 10,100 square metres on four storeys for medicine at the highest level.

— [www.uniklinikum-leipzig.de](http://www.uniklinikum-leipzig.de)

## Joint research for children's health

The UFZ Helmholtz Centre for Environmental Research, the Faculty of Medicine and Leipzig University Hospital (above all its Department of Paediatrics) intend to jointly set up a centre of excellence entitled Children–Environment–Health. Obesity, diabetes, allergies, and also neuropsychiatric disorders such as dementia and depression are on the rise. As well as impacting on quality of life and life expectancy, the costs of treatment are high. The aim of the new centre is pool the expertise of specialists from different fields in order to support and network the outstanding research activities at and among the participating institutions.



Left to right: Prof. Wolfgang E. Fleig (Director, Leipzig University Hospital), Prof. Michael Schaefer (Faculty of Medicine), Prof. Wieland Kiess (Leipzig University Hospital, head of LIFE Child), Dr Eva Maria Stange (Minister for Higher Education, Research and the Arts of Saxony), Prof. Beate Schücking (President of Leipzig University), Prof. Georg Teutsch (Scientific Managing Director of UFZ), Prof. Martin von Bergen (UFZ)

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[www.bio-city-leipzig.de](http://www.bio-city-leipzig.de)



## Congresses and exhibitions

- Leipzig Veterinary Congress, 18–20 January
- LINC – Leipzig Interventional Course, 30 January – 2 February
- Annual Cardiac Surgery and Paediatric Cardiology Congresses, 17–20 February
- XPOMET Convention 2018 – Medicine to Marvel, International Convention for Innovation and High Tech in Medicine, 21–23 March
- 99th German X-Ray Congress, 9–12 May
- 7th OTWorld, 15–18 May
- 24th Annual Congress of the German Radiation Oncology Society, 21–24 June
- ISME17 – 17th International Symposium on Microbial Ecology, 12–17 August
- Congress for Paediatrics 2018, 12–15 September
- CURAC 2018, 17th Annual Conference of the German Society for Computer and Robot Assisted Surgery, 13–15 September
- 3rd Fachdental Leipzig, 28–29 September
- ABBSAT 2018, 28th Anaesthesia Conference Berlin, Brandenburg, Saxony, Saxony-Anhalt, Thuringia, 16–17 November
- DIVI 2018, 18th Congress of the German Interdisciplinary Association for Intensive Care and Emergency Medicine, 5–7 December

## Innovation Center Computer Assisted Surgery (ICCAS)

The Innovation Center for Computer Assisted Surgery is an interdisciplinary research centre funded by the BMBF German Ministry of Education and Research at the University of Leipzig's Faculty of Medicine. It is pioneering in the development of computer-aided, integrative technology and smart assistance systems for the pathway from diagnosis to treatment. One of its main developments is the Intelligent Operating Room. Developing safe therapies, new non-invasive treatment methods and more efficient workflows, ICCAS's future technologies primarily support physicians in hospitals. Moreover, ICCAS is an experienced cooperation partner in the field of medical technology transfer. It has an EN ISO 13485 certified quality management system in place and benefits from its close links to various departments at Leipzig University Hospital.

— [www.iccas.de](http://www.iccas.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 43,000 inpatients and outpatients annually. Thanks to cooperation with Leipzig University, the departments of Cardiac Surgery, Cardiology – Helios Endowed Chair 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.herzzentrum-leipzig.de](http://www.herzzentrum-leipzig.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 others firms to profit from the advantages of this location are Orthopädie- und Reha-Technik Wolf and Analysen Service GmbH.

— [www.biocity-campus.de](http://www.biocity-campus.de)

## biosaxony: Saxony's life sciences cluster

biosaxony is the professional association for the biotechnology/biomedical engineering cluster. Its members include the various companies, scientific institutions, lobbyists and suppliers working in biotech. It networks the members' various strengths and represents their interests politically and publicly. 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 and strengthen Saxony's economy. Another of its main aims is to support young, innovative companies. Other elements of its cluster work include developing new ideas and strategies as well as increasing sustainable technology transfer, such as at its annual partnering conference 'bionection'. Local activities are strengthened by biosaxony's offices in Leipzig and Dresden.

— [www.biosaxony.com](http://www.biosaxony.com)

## BIO CITY LEIPZIG: Innovation and business in life sciences

Founders and startups in the life sciences find everything they need for a successful launch at BIO CITY LEIPZIG. More than 30 biotech firms work here on the practical implementation of their ideas and concepts on 15,000 square metres of modern offices and laboratories with outstanding technical infrastructure. With its central location and as the nucleus of the BioCity Campus, BIO CITY LEIPZIG is the perfect starting point for cooperation with nearby companies and research institutes. And its conference facilities make BIO CITY LEIPZIG one of the best places for diverse workshops, seminars and conferences for companies and research centres.

Thanks to BIO-NET Leipzig GmbH and biosaxony, two strong partners are on hand to provide assistance in all aspects of business development and to help integrate businesses into valuable, reliable local, regional and national networks. This is one of the reasons why BIO CITY LEIPZIG has been named one of the 15 best biotech incubators in Europe. BIO CITY LEIPZIG was and remains an important success factor for established companies such as Vita 34, c-Lecta, Haema and Indical Biosciences. CO.DON AG's decision to opt for BIO CITY LEIPZIG, where it is currently building one of the world's largest and most advanced facilities for the production of human cells on an industrial scale, symbolizes Leipzig's ongoing success and growth as a biotech centre. Aiding LGH Leipziger Gewerbehof GmbH & Co. KG with the redevelopment of Hall 12 at Alte Messe to create a new business centre for the establishment and expansion of life science companies is currently one of the most urgent tasks of BIO-NET LEIPZIG GmbH. Activities include supporting studies, providing information and canvassing potential tenants.

— [www.bio-city-leipzig.de](http://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](http://www.bio-net-leipzig.de)

## SelfDiagnostics Deutschland GmbH

SelfDiagnostics develops reliable rapid test kits for the home care sector enabling the diagnosis of infectious diseases. The first product detects the presence of widespread sexually transmitted diseases caused by chlamydia and gonococci, and is the first time that the standard laboratory technique of DNA amplification has been made available to consumers. Designed for single use, the method is based on a urine analysis, allowing men for the first time to ascertain at home whether they are infected. This is also the first test to be integrated into the platform developed by SelfDiagnostics, and will be joined by pathogen detection methods for tuberculosis and influenza.

— [www.self-diagnostics.com](http://www.self-diagnostics.com)

## c-Lecta GmbH

c-Lecta GmbH from Leipzig is a world leader in industrial biotechnology. Founded in 2004, c-Lecta employs some 60 highly qualified employees and covers the entire value chain from development through optimization to the manufacture of enzymes and enzymatically produced products. The company's own product pipeline and its global cooperation focus on the food ingredients market. In this innovative market fuelled by steadily growing health awareness, c-Lecta has made a name for itself internationally as a partner for the development of biotechnological production processes. With its products and technologies, c-Lecta addresses global trends such as reducing calorie/sugar levels, increasing fibre, and access to healthy, natural additives.

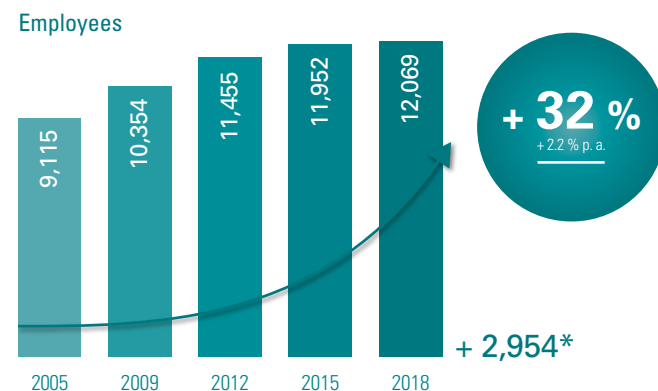
— [www.c-lecta.com](http://www.c-lecta.com)



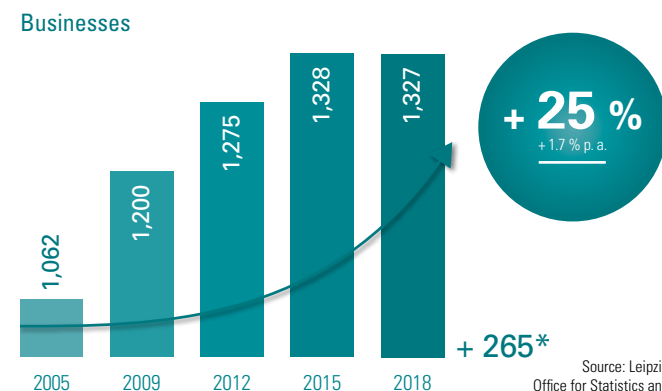
Leipzig's energy and environmental sector has a long heritage, a stable foundation comprising over 1,000 companies, and also outstanding development potential with various startups tackling the challenges of the energy, environmental and transport transition. Thanks to the presence of long-standing utilities, 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



\* 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)

- 2018** — Groundbreaking for iDiv German Centre of Integrative Biodiversity Research
- Foundation of Leipzig Science Network
- Start of the project 'Innovation in the Coalfield' launched
- 2017** — Energy2market enters the UK market
- EEX acquires 100% ownership of US Nodal Exchange
- Leipzig City Council adopts over 40 measures for smart mobility solutions EEX
- 2016** — magis consult GmbH founded
- DBFZ German Biomass Research Centre: Foundation stone laid for new pilot plant and administrative building

- 2016** — CleverShuttle launched in Leipzig
- iDiv German Centre of Integrative Biodiversity Research, start of second funding period
- 2015** — Saxon Centre for the Visualization of Biochemical Processes at the Cellular Level (ProVIS) set up at UFZ
- 2014** — 'Lipsia e-motion': First e-rally in central Germany with over 60 vehicles
- 2013** — GBioenergy Innovation Centre founded
- BMW i3 goes into production, ushering in a new era for electric vehicles

## Focused expertise: NEU Energy & Environment Network

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.



## Advisory Board of NEU

chaired by the Deputy Mayor of Economic Affairs and Employment



## 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 120 e-vehicles owned by the local authority and direct

service organizations as well as more than 300 charging points in the city. Published by the Department of Economic Affairs and Employment, the action plan lists more than 40 projects being implemented step by step in conjunction with the private sector, trade associations, business chambers and higher education.

## Energy Metropolis Leipzig: 11th Expert Meeting

The 11th Expert Meeting of Energy Metropolis Leipzig was held under the banner of 'Leipzig Investing in the Future'. 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 170 experts.

## Energy Cluster meets science

Technology and knowledge transfer in direct dialogue between business and higher education. This year, Leipzig companies such as GICON, Seecon, energy2market and SpinLab featured strongly as they explained their research requirements and specific demands regarding future employees. In turn, institutions such as the universities of applied sciences in Zittau and Görlitz as well as the DBFZ German Biomass Research Centre tabled their proposals and presented suitable projects energy and environmental companies are either involved or can benefit from cutting-edge research.

## Smart Infrastructure Hub Leipzig

The area of smart infrastructure in Leipzig focuses the issues of energy, smart city, health and enabling technology. The primary aim is a 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 Verbundnetz Gas AG, the EEX European Energy Exchange, the Leipzig Group, Porsche, DELL and Arvato.

## Leipzig Trails: Thematic introductions

Potential players in Leipzig's economic sector are now introduced to future business partners and existing networks and shown suitable premises in the biggest and fastest growing city in Saxony on a series of exclusive thematic trails. The five different trails cover energy trading and services, power engineering and generation, transport, logistics, and the environment, water and sewage. To take part, visit [leipzigtrails.de](http://leipzigtrails.de).

NEU is taking part in  
3 funding projects:  
— COSMENERG  
— COSMENERG-4i  
— Central Europe Projekt FIRECE



## Contact

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### 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

With more than 100 cars running on CNG (compressed natural gas), ONTRAS saves around 120 tonnes of CO<sub>2</sub> and €60,000 in fuel costs every year compared to diesel.

### VNG: The natural gas specialists

VNG is a corporate acting across Europe with more than 20 companies, a broad, sustainable portfolio of services in natural gas and infrastructure, and 60 years of experience in the energy market. Based in Leipzig, VNG employs around 1,200 people and generated sales of €10 billion in 2017. Along the gas value chain, VNG concentrates on the three areas of trading and sales, transport, and storage. Starting from this core expertise, the corporation's VNG 2030+ strategy is increasingly focusing on new areas of business, including biogas, digital infrastructure and neighbourhood solutions.

– [www.vng.de](http://www.vng.de)

### Energy2market GmbH

With over 120 employees, Energy2market (e2m) is one of Europe's biggest aggregators of renewable energy. The energy contract monitors and controls more than 4,500 plants generating green energy as well as power storage units and consumers bundled together within its internal virtual power plant, and networks them with power exchanges.

With 3,767 MW of marketed generating capacity from renewable energy plants, e2m is one of the largest direct energy sellers and the biggest and the largest source of balancing energy in Germany. In 2018, business magazine Brand Eins declared e2m to be one of the most innovative companies in the energy sector, while FOCUS Business placed the company among its Top 50 Medium-Sized Employers.

– [www.e2m.energy](http://www.e2m.energy)

### European Energy Exchange: The power bourse

Since it was founded in 2002, the Leipzig-based EEX European Energy Exchange has grown from a local energy bourse into Europe's leading energy exchange. It is part of an international corporation, the EEX Group, which is involved in international partnerships and has carved out a lasting position for itself as a global commodities platform. Electricity, natural gas, emission allowances, freight rates, metals and agricultural products are all traded on the markets of the EEX Group. The EEX Group includes the European Energy Exchange (EEX), EPEX SPOT, Powernext, Cleartrade Exchange (CLTX), Gaspoint Nordic, Power Exchange Central Europe (PXE) and Nodal Exchange. It also maintains two clearing houses: the European Commodity Clearing (ECC) and, in the USA, Nodal Clear. The EEX Group links up a network of more than 550 trading participants from 36 countries, including utilities, industrial companies, energy traders, brokers and banks. At the end of 2017, the EEX Group had over 540 staff at 16 locations, including 233 in Leipzig. In 2017, the revenue of the EEX Group reached €225.3 million.

– [www.eex-group.com](http://www.eex-group.com)

### 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. With 'going green', the gas network operator is committed to a CO<sub>2</sub>-neutral energy supply by 2050, e.g. together with six European infrastructure managers in the Green Gas Initiative. With more than 100 gas-driven CNG company cars, ONTRAS saves around 120 tonnes of CO<sub>2</sub> and €60,000 in fuel costs every year compared to diesel. Further greenhouse gas savings are the goal of a multi-year sustainability programme. One focus is to avoid methane emissions during scheduled repairs. In this respect, ONTRAS has already achieved considerable savings.

– [www.ontras.com](http://www.ontras.com)



### The Leipzig Group: Strong for Leipzig, strong for Leipzigers

The Leipzig Group, consisting of the municipal electricity and gas utilities, public transport and waterworks, has some 4,800 employees who use their expertise and creativity to make an important contribution to Leipzig's economic and social stability. It's hence the biggest employer in Leipzig after the local authority. In addition, the Leipzig Group places around 85% of its contracts in Leipzig and the region, thus making an important contribution to local development. Its positive economic impact can be measured. In fact, about €520 million of GDP in Leipzig is accounted for by the business activities of the Leipzig Group, along with 12,300 jobs.

– [www.L.de](http://www.L.de)

### 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, it provides a comprehensive range of services surrounding the generation, transmission and distribution of gas, electricity and district heating in Leipzig. Leipziger Stadtwerke is actively shaping the energy transition and preparing strategically and technologically for future demands. As a competent energy partner with a leading position in central Germany, Leipziger Stadtwerke provides its customers guidance in the complex world of energy and offers them smart, green, future-proof energy solutions. Its portfolio of services includes energy supply, wholesale, generation, distribution networks and energy services.

– [www.L.de/stadtwerke](http://www.L.de/stadtwerke)

### Dr Födisch Umweltmesstechnik drives international expansion

Dr Ing. Födisch Umweltmesstechnik AG (part of the portfolio managed by WMS Wachstumfonds Mittelstand Sachsen) plans to expand its business inside Europe and beyond. To this end, it has acquired EP Ehrler Prüftechnik Engineering GmbH und die EP Instruments Messtechnik + Kalibrierung GmbH based on Baden-Württemberg. As a result, its current expertise in emissions measuring equipment has been augmented by measuring and testing in gases and liquids. Moreover, the acquisition will enable synergy to be tapped in the areas of marketing, sales, manufacturing, and R&D. The company employs 134 people, including 84 in Leipzig.



### Leipziger Wasserwerke: Ensuring a reliable water supply

Leipzig's growing population is also noticeable at municipal waterworks Leipziger Wasserwerke. For example, the number of residents served rose again in 2017 by 11,500 to 688,600. The company delivered about 36 million cubic metres of drinking water to them, over three quarters of which was extracted internally. The drinking water laboratory of Leipziger Wasserwerke continuously checks the water quality in Leipzig. Every year, around 8,900 samples are taken at various points in the supply area and analysed. As a result, drinking water is the most strictly controlled foodstuff in Leipzig. Leipziger Wasserwerke has also clearly demonstrated its quality and stability in its operating activities by increasing its profit to €30.1 million. In 2017, the company completed more than 350 construction projects. Investment totalled €54.4 million (2016: €52.3 million), including €50.8 spent on the renewal of pipes and facilities. Milestones in the modernization of the infrastructure included work on the overflow sewer beneath Richard-Lehmann-Strasse and the B2 main road, the renovation of the second south main collector in Clara Zetkin Park, the repair of the ring main in Holzhausen, and the continuation of the investment programme to rehabilitate the wells at the waterworks in Canitz and Thallwitz.

– [www.L.de/wasserwerke](http://www.L.de/wasserwerke)

### Sachsen Wasser: Sustainable water management worldwide

For 18 years, specialists from consultancy and operating company Sachsen Wasser GmbH have been passing on their expertise regarding efficient, sustainable water supply and sewage treatment to partners in 42 countries in so far more than 150 projects. It mainly works in regions badly in need of international support where clean drinking water and sewage treatment can't be taken for granted. To Sachsen Wasser, global dedication means lending assistance on the ground in areas lacking in money, resources, trained personnel and infrastructure.

– [www.sachsenwasser.com](http://www.sachsenwasser.com)

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

### 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](http://www.bdz-abwasser.de)



Europe’s new logistics hub in Leipzig for multinationals like DHL, AeroLogic, Lufthansa Cargo and Future Electronics is continuing to develop dynamically. And thanks largely 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 progressive cooperation between higher education and industry, first-class logistics and value-added services have arisen in and around Leipzig for car-makers, mechanical engineering and microelectronics.



# Logistics



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

- 2018

Central German Logistics Network opens office in Moscow
- 2017

VGP Park Leipzig: Over 50,000 sqm of on-demand space for logistics and industry completed

Aerologic GmbH: Fleet expansion, 20 new jobs

DHL Hub Leipzig: 4,900th employee recruited (500 new jobs over previous 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 phase of 40,000 sqm extension to sorting office

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

## Meeting place for the world’s transport sector

The International Transport Forum (ITF) – the world’s leading summit in this industry – was held for the eleventh time from 23 to 25 May 2018 at CCL Congress Center Leipzig. This year’s theme was ‘Transport Safety and Security’. The topics on the agenda included traditional road safety, protection against terrorist attacks and cybercrime, the effects of extreme weather conditions, and the risks and opportunities of driverless vehicles. Transport ministers and deputy ministers from all over the world, decision-makers from international transport companies as well as representatives of the science and research community congregated at various keynotes, discussions and interactive sessions as well as networking events and outdoor demonstrations.

— [www.itf-oecd.org](http://www.itf-oecd.org)



## Central German Logistics Network: Industry cluster from Leipzig–Halle Airport expands its activities

The Central German Logistics Network (previously the Leipzig–Halle Logistics Network) has stood up for the interests of the region’s logistics sector since 2017. Building on the expansion of its activities over the past few years, its entire approach has been revised to appeal to more companies from its larger catchment area. In 2017, several measures were devised by expert groups in the network to boost the region’s competitiveness. They included schemes to counteract the skills shortage in the sector and to boost innovation. Another important

activity was showcasing the logistics region at transport logistic 2017 in Munich, the leading expo in the industry. Featuring 24 exhibitors, the joint stand created a striking impression of the strength and efficiency of the logistics sector in central Germany. Moreover, the network has expanded its network of contacts in Russia and opened an office in Moscow.

— [www.logistik-mitteldeutschland.de](http://www.logistik-mitteldeutschland.de)

## 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](http://www.logistics-living-lab.de)

## Central German Logistics Network

The Central German Logistics Network has around 140 members and represents the main players in the region – not just logistics providers but also local authorities, business chambers, research institutes, training centres and higher education. Its aims are to promote members’ joint business development and provide new stimulus through innovation and know-how transfer.

## Contact

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## DHL's hub at Leipzig/Halle Airport: Success factor for the region

Global corporation DHL has now operated its European air freight hub (the group's biggest cargo hub) at Leipzig/Halle Airport for a decade. During this time, DHL's Leipzig hub has become extraordinarily important for the region. In addition to being the logistics engine for the world, above all it spurs on the development of the entire region's economy. With fast, reliable logistics connections being vital for global trade, the DHL hub is a strong argument and a unique selling proposition for many companies thinking about relocating to the Leipzig-Halle region. By employing over 5,000 people, DHL's air freight hub in Leipzig provides jobs, income security and great career prospects for thousands of locals. The past ten years at DHL in Leipzig have been characterized by constant growth. Its fleets are continuously renewed, and in October 2016 the company opened new sorting offices with state-of-the-art facilities.

To celebrate the tenth anniversary of this success story, DHL hosted a celebratory weekend at the Gewandhaus concert hall in Leipzig in order to express its gratitude for the support it has received from an entire region.

### The Deutsche Post DHL Group's logistics network in Leipzig

Other business units of the Deutsche Post DHL Group are situated near DHL's hub. Apart from its letter and parcel centres, the group's logistics centre in north Leipzig is home to DHL Global Forwarding & Freight (an air, sea and land freight forwarder) and DHL Supply Chain (the global market leader for standardized warehousing, transport and value-added services). Accordingly, all sorts of economic sectors profit from tailored supply chain solutions and benefit enormously from being based in Leipzig.



## AeroLogic

AeroLogic GmbH, a joint venture set up by DHL Express and Lufthansa Cargo, operates one of the world's most advanced fleets of intercontinental freighters comprising ten Boeing 777Fs from Leipzig/Halle Airport. The freight carrier delivers everything from post and luxury foods to technical equipment, motor vehicles and even animals on more than 57 different routes to 27 destinations in Asia, the Middle East, and North and South America. It hence links the two transport hubs Leipzig and Frankfurt to the

main destinations of its two parent companies across the world.

AeroLogic delivers some 9,765 tonnes of mostly time-critical express freight for Lufthansa and DHL every week. Since it was founded in 2007, AeroLogic has acquired a reputation as a powerful air freight company in Germany thanks to its efficient, stable performance.

— [www.aerologic.aero](http://www.aerologic.aero)



Volga Dnepr Airlines' fleet including AN-124s is based in Leipzig and maintained by AMTES.

## 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 Airbus A320 family in line maintenance as well as extensive maintenance and reconditioning work for

the Russian-licensed Antonov AN-124s of Voga-Dnepr Airlines. In addition to a C14 rating (wheels and brakes), the company also has C4 (doors and hatches), C8 (flight controls) and C20 ratings (structural repairs).

— [www.amtes.de](http://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. Elsewhere, DB Schenker handles the just-in-sequence delivery of components to vehicle manufacturers' production lines. Industrial clients also appreciate DB Schenker's outstanding services. For instance, it organizes the supply of spare parts throughout Europe and in-house logistics for its customers. Clients also benefit from DB Schenker's expertise at its shared logistics centre.

— [www.dbschenker.com](http://www.dbschenker.com)



## Kühne + Nagel

Kühne + Nagel is one of the most successful corporations in the global logistics industry. At its ultramodern KN Pharma Campus in Leipzig, designed for handling pharmaceuticals and 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 jobs such as repackaging medicines, bundling, labelling, folding and the insertion of package inserts tailored to the target markets. Outsourcing these steps to Kühne + Nagel greatly speeds up the production process for pharmaceutical companies. In 2017, a roller bed was installed at the site. This special air freight equipment is fitted with rollers for easier handling, enabling the efficient



processing of refrigerated air freight containers containing pharmaceutical products.

— [www.kn-portal.com](http://www.kn-portal.com)

## Amazon in Leipzig

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 45 fulfilment centres.

— [www.amazon-logistikblog.de](http://www.amazon-logistikblog.de)  
— [www.amazon-jobs.de](http://www.amazon-jobs.de)

## momox

momox GmbH is Germany's leading recommerce supplier 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 up to 1,300 people at its three locations in Leipzig, Berlin and Stettin (Poland). 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 9 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](http://www.momox.biz)



The following firms have moved into the former Quelle building:

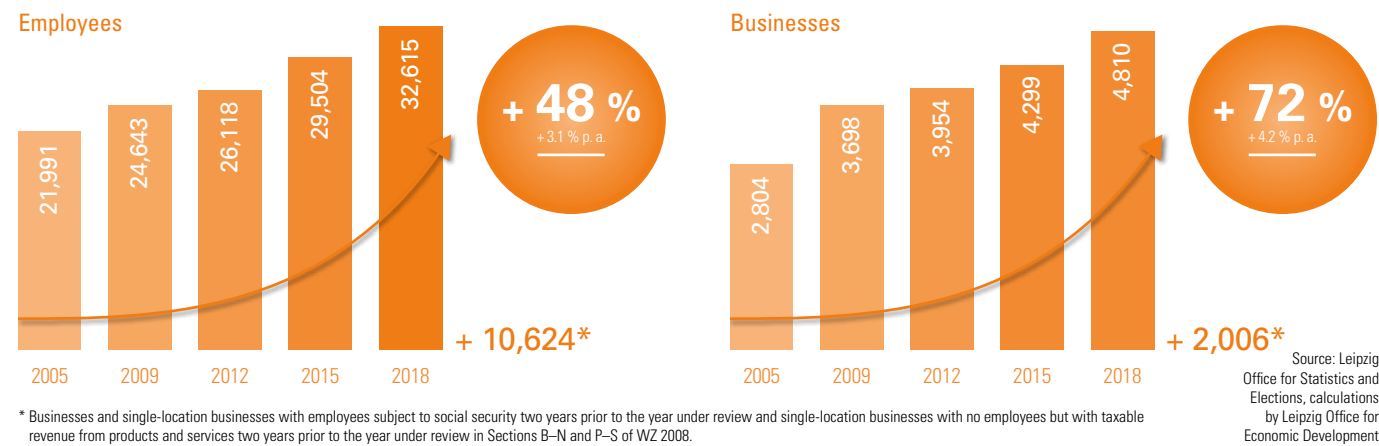
- momox
- Rudolph Logistik Gruppe
- DB Intermodal Services GmbH
- TI Automovie GmbH,
- SODEXO Catering
- DB Schenker AG
- Spedition Friedrich & Sohn
- Atos Origin GmbH



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



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

- 2018** — Hentrich & Hentrich: Publishing house for Jewish culture and contemporary history relocates from Berlin to Leipzig  
— IT fair Business Digital debuts in Leipzig  
— jambit GmbH: IT firm opens branch in Leipzig
- 2017** — 34C3 — 34th Chaos Communication Congress  
— 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
- 2016** — Generali Deutschland Services GDS: Leipzig branch opens with 30 employees, rising to 100 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

## Central German IT Cluster

The main tasks of registered association Central German IT Cluster are networking companies in IT (including with other industries), encouraging joint projects, highlighting the strengths of the local IT scene, and reinforcing the IT sector in Leipzig. This industry network founded in 2009 consists of companies from Saxony, Saxony-Anhalt and Thuringia ranging from major players and a host of SMEs to start-ups. The IT cluster works closely on the ground with local authorities and business representatives and organizes regional events, including the Cluster Regional industry meetings. One important aspect of its work comprises measures to safeguard the steadily growing demand for IT specialists in the region. To this end, the Central German IT Cluster supports projects designed to arouse interest in IT among youngsters such as robot study groups at schools.

— [www.it-mitteldeutschland.de](http://www.it-mitteldeutschland.de)

## MTM Central German Media Festival

The annual MTM Central German Media Festival celebrated an important milestone in spring 2018 when experts from the media, politics, business and higher education gathered at media city in Leipzig for the twentieth time. 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. This year, the some 30 discussions and presentations focused on current issues and debates in the industry such as the development of the media in Europe. This year's special guest country was France. To celebrate the twentieth MTM, in January MTMextra was held for the first time at the Thuringian permanent delegation in Berlin. The topic discussed by the panel made up of specialists on the media, politics and regulation was 'Modern rules for modern media'.

## 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, Chaos Communication Congress, 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.



## Kreatives Leipzig

Since its foundation in 2010, registered association Kreatives Leipzig has represented those working in the cultural and creative industries in Leipzig. Whether as initiator, cooperation partner or project sponsor, Kreatives Leipzig helps creatives raise their profile, facilitates intra-sector networking and collaboration with other sectors, and encourages further professionalization by means of forums and information events. Moreover, the association represents members' interests in project and working groups such as the regular coordination meetings for the Leipzig creative industry and on the Chamber of Commerce and Industry's Creative Industries Committee. And it cooperates with the City of Leipzig in connection with industry-relevant event formats and other matters.

## Business Digital – the Leipzig IT fair

Softwareforen Leipzig GmbH organized its first regional IT fair in Leipzig on 30 May 2018. Entitled Business Digital, it focused on aspects of modern IT solutions in various sectors, including new IT-based products and services, automation solutions and digitized business processes.



## An unparalleled festival of books and literature

The Leipzig Book Fair is Europe'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. In 2018, 271,000 visitors celebrated the words and works of 3,400 participants and over 2,600 exhibitors in 3,400 events held at the exhibition centre and other venues throughout the city. This year's special guest country Romania provided fascinating insights into Romanian literature and society. The Leipzig Book Fair is where the written and spoken word unfolds its full force.



## Contact

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## Rohde & Schwarz for IT security and innovation

Rohde & Schwarz Cybersecurity GmbH and ipoque GmbH work together on a number of floors of the tower block in the city centre under the joint brand of Rohde & Schwarz. Rohde & Schwarz Cybersecurity protects businesses and public institutions from cyberattacks. The company develops and produces leading solutions involving encryption solutions, next-generation firewalls, firewalls for web applications, methods for working safely in the cloud, and desktop and mobile security.

With over 100 employees in Leipzig, ipoque is a leading provider of deep packet inspection software delivering fine-grained insights into IP-based network traffic. This enables providers of network management, network analysis and network security to equip their products with state-of-the-art IP network analysis capabilities. Rohde & Schwarz also offer communications service providers a holistic IP network analysis platform revealing network behaviour, network performance and trends.

— [www.rohde-schwarz.com](http://www.rohde-schwarz.com)

## Schenker Technologies

The Leipzig-based Schenker Technologies is a Europe-wide provider of VR solutions, IT hardware and distribution services uniting all areas from production to local administration. It's also the company which initiated the local gaming convention DreamHack. Schenker's portfolio includes freely configurable laptops and desktops built under its own brands XMG (for gaming) and SCHENKER (for professional use). Since 2016, Schenker Technologies has also stepped up its involvement as a partner in the implementation of commercial creative projects in the areas of augmented and virtual reality. It brings the latest technologies to Europe and supports professional creatives in their daily work with tailor-made solutions.

— [www.schenker-tech.de](http://www.schenker-tech.de)



— [www.invia.de](http://www.invia.de)

## COMPAREX

This global IT company with over 30 years' experience develops innovative services to help customers manage software and cloud products and use them as efficiently as possible. The goal is to maximize clients' productivity and support them on their journey to the digital world. The main elements of its portfolio are licence management, software procurement and cloud services as well as extensive managed services, enabling COMPAREX to deliver services tailored to the specific needs of its clients. COMPAREX serves the needs of small and medium-sized enterprises, industrial companies, international corporations and public administration.

— [www.comparex-group.com](http://www.comparex-group.com)

## Invia: Strong brands, strong offering

The Invia Group has run the Leipzig-based online travel agency portals [ab-in-den-urlaub.de](http://ab-in-den-urlaub.de) and [fluege.de](http://fluege.de) as well as its in-house tour operator Tourini since the beginning of 2017. In the city centre, the company has more than 500 employees divided among buildings on Dittrichring, Barfussgässchen and in Jägerhof, where the office space had only just been converted to suit innovative, project-based work.

Of course, travel's the name of the game. While the service team takes care of advising customers, the product management department continues to hone new services with developers. Meanwhile, the marketing staff generate attention among customers – who in the German-speaking countries alone totalled 2.5 million in 2017. All in all, the Invia Group has 16 locations with 1,300 employees in 5 countries. Being its biggest location, Leipzig is the springboard for the Invia Group's further growth and European vision.

## Training and research institutes in the Media & Creative Industries

- Leipzig University
- German Institute for Literature
- IfAI Institute for Applied Informatics
- Faculty of Mathematics and Computer Science
- Faculty of Economics
- Institute of Communication and Media Studies
- Institute of Musicology
- Institute of Theatre Studies
- Information Systems Institute
- Institute of Computer Science
- HGB Academy of Fine Arts
- University of Music and Theatre Felix Mendelssohn Bartholdy Leipzig
- HTWK Leipzig University of Applied Sciences
- Faculty of Computer Science, Mathematics & Natural Sciences
- Faculty of Media
- Faculty of Electrical Engineering and Information Technology
- Institute for Communications Engineering and Biosignal Processing
- HHL Leipzig Graduate School of Management
- Business Informatics/E-Business
- IT-Based Logistics (Entrepreneurship & Technology Transfer)
- Leipzig School of Media
- SAE Institute Leipzig
- Saxon University of Cooperative Education
- Department of Computer Science
- Vitruvius University of Applied Sciences
- Games Design
- Software Engineering and Information Security
- Design, Innovation Management
- Communication Design
- Fashion Design
- FAM gGmbH – Central German TV Academy
- Deutsche POP

## The ultimate fest for gamers

DreamHack Leipzig is the official German platform of the world's largest digital festival, DreamHack in Sweden. This annual convention combines professional eSports tournaments, a comprehensive range of the latest hardware and software at DreamExpo, and Germany's biggest LAN party for more than 1,700 participants. The festival atmosphere is completed by stars from the gaming community, sensational cosplayers, and a diverse programme of special events. In 2018, DreamHack attracted over 18,500 visitors to the Leipziger Messe exhibition centre. Next year, the DCM International German Casemod Championship will be held for the first time during DreamHack Leipzig.



## Spector Books

Spector Books publishes books at the intersection of art, theory and design. The Leipzig-based publisher explores the possibilities of lively communication between all those involved in book projects: artists, authors, book designers, lithographers, printers and bookbinders. In the view of Spector Books, the book should be regarded as a stage, a place of encounter and productive debate. After all, the innovative use of this medium today partly consists in re-exploring reflected interplay between content, design and the materiality of the book itself. This year, Spector Books was awarded the Saxon Publishing Prize for its programme marketed both domestically and abroad.

— [www.spectorbooks.com](http://www.spectorbooks.com)

## MDM: Promoting the media

MDM Central German Media Promotion supports the preparation, production and release of financially promising film and media projects as well as training initiatives and festivals in central Germany with an annual funding budget of €15 million. Together with the City of Leipzig, MDM organizes the film conference 'Meet your

## MDR: Broadcasting to central Germany

MDR with its television channel and nine radio stations, a symphony orchestra, a radio choir and a children's choir, is the most successful media company in central Germany. Seven million people (95% of everyone aged 14 and over in Saxony, Saxony-Anhalt and Thuringia) regularly watch, listen to or read MDR on TV, on the radio or online. This modern multimedia company generates user loyalty with a series of familiar radio brands including an arts station, a classical music broadcaster, and regional broadcasters. It's also in overall charge of the KiKa children's channel on behalf of ARD and ZDF and is responsible for a string of successful TV programmes shown on Das Erste (the main publicly owned TV channel in Germany) as well as 3sat, arte, Phoenix and various digital channels. They include political magazine 'Fakt', contemporary historical documentaries, crime thrillers, and 'In aller Freundschaft', Germany's most popular medical drama, which is shot in Leipzig.

— [www.mdr.de](http://www.mdr.de)

Neighbour', during which regional and international film and media professionals can touch base and discuss the possibility of collaboration and co-productions.

— [www.mdm-online.de](http://www.mdm-online.de)

## Designers' Open 2018: The beauty of form and colour

Leipzig loves and lives design – especially from 26 to 28 October 2018, when the Designers' Open will present inspiring novelties of the season at 'KONGRESSHALLE am Zoo' and a number of other unusual venues around the city. The Designers' Open is a platform for trends in the areas of research and industry, interiors and furniture, fashion and accessories, and graphics and media. At the Designers' Open 2017, striking individual ideas from the realms of fashion, furniture and accessories for the perfect home, design concepts for tomorrow, and art were displayed by over 200 exhibitors, drawing 17,500 visitors.

— [www.designersopen.de](http://www.designersopen.de)



## 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 other 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!

## Research institutes (selection):

- UFZ Helmholtz Centre for Environmental Research – Department of Environmental Informatics
- ScaDS Competence Center for Scalable Data Services and Solutions
- SCRC Social CRM Research Center



# Industry in great shape

Once again, the situation in industrial companies carried on improving in 2017. Incoming orders continued to rise, especially in Q4, having a very positive impact on the assessment of current business. At the end of 2017, the balance of current business leapt by 12 to 61 percentage points, easily the highest level since economic surveys were first carried out by Leipzig Chamber of Commerce and Industry in 1991.

Interestingly, the good economic situation was not correspondingly reflected in the official statistics. All in all, total turnover of the 509 industrial companies<sup>1</sup> in the region covered by Leipzig Chamber of Commerce and Industry only rose by about €140 million (1.0%) to €15.07 billion in 2017. Although domestic sales were up by 1.3%, exports merely increased by 0.5% to €6.42 billion while the share of exports declined to 42.5%.

In the city of Leipzig, industry even fared a little worse. The 164 industrial companies subject to reporting saw their total turnover decline by 0.3% to €9.93 billion, while foreign sales fell by 1.0% to €4.97 billion. Nevertheless,

employment in the industrial sector grew. In the Leipzig region, the average number of employees throughout the year climbed by 3.4% to 46,492, while in Leipzig itself employment rose by as much as 4.9% to 22,794.

Concerning outlook, companies remain buoyant. The balance of business expectations remains unchanged since the start of 2017 at 19 percentage points. The signs thus continue to point to the stable, positive development of the local industrial sector, even if companies' export expectations have been sharply muted by international trade disputes. On the other hand, the current trend in domestic demand looks much better. Given their economic confidence, companies aren't cutting back on investment or personnel planning; one in four companies plans to recruit additional staff and 28% intend to increase their capital expenditure.

<sup>1</sup> Companies subject to reporting requirements with 20 or more employees  
Sources: Economic Report by Leipzig Chamber of Industry and Commerce, 2018;  
Saxon Department of Statistics

## Broad industrial base

Just under 20 years after Porsche's key decision to build a new car plant in Leipzig, the industrial sector appears reborn. Porsche was followed by BMW, and thanks to a string of additional investments, their initial assembly

plants have grown into fully-fledged manufacturing operations where world-class vehicles roll off the production lines.

The automotive industry has taken on a driving role in Leipzig's industrial base, including by attracting suppliers and logistics contractors as well as prompting the emergence of new business networks and partnerships. Following the collapse of industry in the early 1990s, Leipzig's industrial sector is now back on the market; indeed, its strongest companies are back on the world market. The fact that it includes many SMEs confirms that industry in Leipzig is still on the ascent. The range of areas covered by medium-sized businesses ranges from machine tools and modern trams through railway cranes and process compressors to standard lamps and a variety of consumer goods. Naturally, all industrial operations have been completely modernized. And thanks to their innovation, many local startups are paving the way for further structural change and decisively shaping the direction of Industry 4.0.

The wide range of manufacturing has always been one of the strengths of Leipzig's industry and helped reduce the impact of the financial crisis ten years ago. And being good business taxpayers, industry makes a significant contribution to Leipzig's overall positive economic development.



## Precision craftsmanship meets state-of-the-art technology

Uwe Albrecht (Deputy Mayor of Economic Affairs and Employment, third from left) and Claus Gröhn (President of Leipzig Chamber of Small Industries and Skilled Trades, second from right) visiting Ahlborn, a company making bowling alleys. Nearly all the elements required for bowling alleys are manufactured in Leipzig. And the company was the official supplier of the Skittles World Championships in 2017.

# Skilled trades run smoothly

The very good state of business in the skilled trades has continued. Two thirds of the nearly 12,000 firms in the Leipzig region describe business as good, an increase of 12 percentage points on the previous year. And almost all the other firms rate business as satisfactory.

As in previous years, businesses are extraordinarily optimistic about the future. Almost all firms (94%) expect business to develop well or at least satisfactorily over the next few months. Accordingly, the business climate index has risen by another point on spring 2017 to 95.8 points – a new record and also the seventh year running with a value exceeding 90 points.

More than a quarter of companies have recorded an increase in incoming orders in recent months. One in five companies reported rising turnover, while as many as a third of firms anticipate rising revenue over the course of the year, the other two thirds expecting turnover to remain stable.

Nearly half of all firms (45%) reported capacity utilization of at least 90% at the time of the survey, while over 40% have their hands full for at least the next 12 weeks, improving their planning security. A third of the firms interviewed said they had raised their prices owing to their healthy orders and turnover, the other two thirds keeping prices constant. Although firms expect wholesale prices to go up, nearly half assume they will be able to

achieve higher sales prices on the market.

The good situation and the buoyant mood are also reflected in firms' recruitment policies. Total headcount increased again slightly compared to the previous year. One in ten companies has hired new staff over the past few months, and the same proportion plan to do so.

Despite the increasing shortage of skilled workers, new jobs are being created in small firms. The main way of meeting their employment needs is to take on and train staff internally.

## Regional strength in Germany's most diverse sector

All in all, 11,761 firms are registered with Leipzig Chamber of Small Industries and Skilled Trades, including 5,149 in the city of Leipzig itself (31 December 2017). With 9.2 firms per 1,000 inhabitants, the density in Leipzig is below that of the region as a whole (11.6). A quarter of skilled trades firms in the Leipzig region – 2,263 of the 9,024 owner-managed businesses – are successfully managed by a woman.



## Ambitious and successful

The Mayor and the President of the Chamber of Small Industries and Skilled Trades visit Prothesen-Orthesenmanufaktur GmbH in Leipzig, a firm with ten employees and two trainees making artificial limbs. "In our startup phase we benefited from the City of Leipzig's SME support programme – and now we pay business taxes," said manager Benjamin Oesch.

## Contact

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In 2017, the Leipziger Messe Group achieved turnover of over €87 million and welcomed more than 15,500 exhibitors and 1.2 million visitors.

## Leipziger Messe: Success at home and abroad

Leipziger Messe can look back on a successful year. Turnover in 2017 reached €87.1 million, higher than 2015 (the previous comparable year) and substantially exceeding targets. With 29 trade shows, 178 conventions and other functions at Congress Center Leipzig as well as Kongresshalle at Leipzig Zoo, 48 guest events, and three exhibitions abroad, the total number of events reached the high figure of 274. The Leipziger Messe Group welcomed more than 15,500 exhibitors and 1.2 million visitors in Leipzig and at other national and international venues.

In recognition of its ability to understand the needs of visitors and exhibitors early on and to live up to their expectations, Leipziger Messe was once again awarded the title 'Service Champion' of the national trade show

industry. Moreover, with the 100th anniversary of its Doppel-M logo, Leipziger Messe celebrated not just the centenary of a Leipzig landmark but also the unique history of one of the world's oldest trade fair brands. Leipziger Messe's successful business in 2017 was largely down to a bulging calendar of trade fairs, which included events such as the flagship industrial exhibitions Intec and Z, therapie Leipzig, the Leipzig Book Fair along with the 'Leipzig Reads' festival, the Manga Comic Con, and CosmeticBusiness. Several exhibitions such as med. Logistica enjoyed record numbers of participants and exhibitors. Moreover, while the popularity of 'classics' like model-hobby-games remained unbroken, new target groups were tapped by the brand new trade show Dangerous Goods and Dangerous Materials.



At the end of 2017, the world's biggest non-commercial hacker convention made its debut in Leipzig.

### Focus on internationalization

Thanks to its busy networking, in 2017 the Leipziger Messe Group grew its activities abroad. LMI Leipziger Messe International created a new event format for orthopaedic technology with the Russian Forum on Prosthetics & Orthotics in Moscow. In Cape Town, Leipziger Messe and the ISPO International Society for Prosthetics and Orthotics continued their collaboration in connection with the ISPO World Congress. Based on denkmal Leipzig – the European Trade Fair for Conservation Restoration and Old Building Renovation – LMI also launched a strong product in China with Heritage Preservation International. denkmal Russia in Moscow also closed with record results. And CosmeticBusiness Poland in Warsaw, which was held for the second time in 2017, has now become firmly established as a key platform in the Polish cosmetics sector.

### CCL and subsidiaries on the road to success

CCL and the five subsidiaries remain pillars of Leipziger Messe's success. Its convention business underwent very positive development. In particular, the venue Kongresshalle ended 2017 with growth in all areas. And at the end of the year, Leipziger Messe exhibition centre organized the first ever Chaos Communication Congress after CCL had won the Germany-wide tender to host the world's biggest non-commercial hacker convention. For fairgourmet, 2017 was characterized by new orders, unusual challenges and special occasions. Being Kongresshalle's exclusive catering partner, it entertained high-ranking guests such as the Conference of German Interior Ministers and garnered an increasing number of contracts away from Leipziger Messe's regular venues. FAIRNET also saw its business grow. A dependable partner supporting businesses and organizers, FAIRNET is in demand as a specialist for trade fairs, special events and congresses. In addition, it successfully executed the biggest event contract in its history during the celebrations marking the 500th anniversary of the Reformation in Wittenberg. Subsidiary Leipziger Messe Gastveranstaltungen also had a successful year. For example, the World Dog Show – the biggest ever with



The Leipziger Messe Group is increasingly active abroad.

90,000 visitors and 31,000 participating dogs – continued the series of successful guest exhibitions. And 2017 was also one of LMI's most fruitful years with 44 German national stands, cooperation projects and independent events. Meanwhile, MaxicoM consolidated its position as a sought-after office location with an increase in occupancy to 94.5%.

### Outstanding expertise

The City of Leipzig and the association 'Gemeinsam für Leipzig' ('Together for Leipzig') presented the Via Oeconomica business award to Leipziger Messe, acknowledging its importance for Leipzig's economy. Meanwhile, in recognition of its corporate philosophy, fairgourmet received both the Meeting Experts Green Award in the category Sustainable Company and the Leipzig Marketing Prize. Furthermore, fairgourmet was officially rated as a Recommended Training Company by hotel and catering trade association DEHOGA Saxony. And FAIRNET was crowned with EXHIBITOR Magazine's 2017 EuroShop Award at EuroShop, the foremost trade show for retail investment, for its special brand identity.

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



The double-M – one of the oldest trade show brands in the world and a landmark of Leipzig – celebrated its centenary in 2017.

### 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 the 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.



## High-quality services for demanding 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 2017, 35 young men and women embarked upon a career at Sparkasse Leipzig.



### Service sector continues to grow

The service sector is building on its previous development and can once again look back on a very successful year. The dynamic economic trend ensured that businesses continued to enjoy stable demand in 2017, making for an upbeat atmosphere in almost all areas of the service sector. As a result, the business climate balance rose by 4 points to +60 percentage points, setting a new record.

Already in excellent health, the service sector looks set to enjoy another fillip judging by service providers' optimistic forecasts. The business outlook balance of +31 percentage points is higher than ever and 12 points up on last year alone. Accordingly, employers' turnover expectations are equally buoyant, leading to expectations of high growth again this year. Given this positive outlook, service providers are also busily revising their investment plans upwards. Recruitment is on the rise, too, with one in three companies seeking to hire additional staff in the coming months.

Source: Economic report published by Leipzig Chamber of Commerce and Industry, 2018

### 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, cementing Leipzig's reputation as a centre of justice.

### Sparkasse Leipzig: Reliable, committed, on the doorstep

Local bank Sparkasse Leipzig's philosophy has always been about being close to its customers, creating value for the regional economy, and supporting public interests. Every day, about 600,000 retail and business customers rely on Sparkasse for their finances. Its some 1,600 staff provide personal advice and service at around 75 branches, 44 additional self-service locations, and 2 mobile branches in Leipzig and the surrounding region. Customers can also avail themselves of phone and internet banking as well as the Sparkasse app. Sparkasse Leipzig is the foremost financial partner for personal and business customers in the region. In 2017, it granted loans with a total volume of €1,029.6 million to firms, individuals and local authorities, while total lending reached a new record. About 63.3% of new loans were to business customers, making Sparkasse Leipzig an important catalyst for the regional economy. At the end of 2017, Sparkasse Leipzig had a balance sheet total of €8,616.1 million.

Sparkasse Leipzig is more than just a financial services provider, employer and trainer. Both directly and through its foundations, it's also the biggest regional sponsor in the arts, sport, education, welfare and the environment. In 2017, the bank donated €4.9 million to about 800 charitable causes in its local area.



## Retail benefits from buoyant consumption

Private consumption continued to support economic growth in 2017 with the mood among consumers still upbeat at the end of the year. Most retailers reported a successful Christmas season, with over half of respondents declaring that business was good. The current business index rose to +48 points, just 2 points shy of its all-time peak.

Wholesalers, the link between manufacturers and consumers, also benefited from the broad, solid economic upturn in recent years. Furthermore, more than half of wholesalers described current business at the end of 2017 as good. On the other hand, expectations in the

retail sector are somewhat muted. With a balance of +5 percentage points in spring, expectations had declined since the beginning of 2018 and were also lower than a year ago. Although consumer optimism looks set to remain high, problems are likely from the growing competition between bricks-and-mortar and online commerce as well as rising labour costs. By contrast, the wholesale sector has a much rosier view. A third of wholesalers expect business to improve and only 5% are doubtful. One in two companies believe turnover will rise, enabling the sector to continue to grow in 2018.

Source: Economic report published by Leipzig Chamber of Commerce and Industry, 2018



Leipzig's compact city centre is rich in historical buildings, its 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.

### The 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. This 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
- Visitors' requirements and wishes
- Information on unused potential and product gaps
- Data on the impact of e-commerce on the city centre





## Leipziger Markt Musik

Every August, Leipzig hosts an exciting programme of live music as well as other performers and screenings of music films in front of the Old Town Hall in the heart of the city. The festival Leipziger Markt Musik is supported by leading restaurants, making for alfresco dining with musical accompaniment!



## International cuisine: A mouth-watering choice



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

### 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!



Leipzig is 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 the likes of 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 association 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 as well as ideas for everyday meals for children.



## Tourism in Leipzig still on the rise: Over 3 million overnights

### Leipzig: A magnet for visitors

The more than 3 million overnight stays and almost double-digit growth in the number of arrivals and overnights impressively show that Leipzig has arrived in the group of top German cities. In 2017, visitors to Leipzig could choose from 128 hotels with a total of 16,793 beds. The average stay was 1.9 days (up from 1.8 days in 2016). Leipzig's fame has clearly spread nationally and internationally, as can be seen from the growing media coverage. This was largely due to the extensive marketing activities in Germany and abroad carried out in 2017 in even closer cooperation with tourism partners and the congress initiative do-it-at-leipzig.de. In addition, the city's reputation was enhanced by major occasions and various outstanding cultural events as well as the Bundesliga football matches featuring local team RB Leipzig.

### Increase in international visitors

Compared to the previous year, in 2017 the number of German visitors rose by 7.5% (arrivals) and 8.4% (overnights). The number of foreign tourists also increased substantially, with arrivals in 2017 up by 16.2% to 252,040 and overnight stays up by 14.7% to 506,468. The highest increases were recorded among visitors from Poland (up by 40.6%) and the USA (up by 37.8%), the latter especially drawn by the 500th anniversary of the Reformation. This was also the reason why 21.5% more guests from the Scandinavian countries (Denmark, Finland, Norway and Sweden) stayed in Leipzig (37,000 overnights). In second place behind the USA was Switzerland with 38,866 overnights followed by the UK with 37,655 overnights. Just outside the top ten of foreign visitors was Sweden with 12,770 overnight stays – an increase of 16.2%.



As usual, there's plenty to see in Leipzig's thriving arts scene in 2018. The many good reasons for people from all over the world to visit Leipzig this year include the 275th anniversary of the Gewandhaus Orchestra, the 325th anniversary of Leipzig Opera, and the 140th anniversary of Leipzig Zoo.



The 500th anniversary of the Reformation was also celebrated in Leipzig.

### Contact

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www.leipzig.de





## Major projects in Leipzig (selection)

- Construction of the iDiv German Centre of Integrative Biodiversity Research
  - New office block for reconstruction bank SAW
  - New teacher-training centre on Uni-Campus
  - New datacentre for PŸUR in Lindenau
  - Construction of childcare centres
  - Building of new schools
- (See pages 102–103)



Two major architectural infill projects are taking place at prominent locations in the city centre: reconstruction bank SAW is building its new headquarters on Gerberstrasse, and an elegant hotel is currently taking shape on Burgplatz.

## Booming orders for builders

The construction industry is and remains one of the big winners of the economic upswing over the past few years. After all, this upturn has prompted a big increase in public, private and commercial spending, causing builders' orders and turnover to rise considerably. As a result, the balance of current business reached a new all-time high of +73 percentage points at the end of 2017. The upwards trend in the construction industry in 2017 is impressively confirmed by official statistics. The total turnover of the 149 construction companies<sup>1</sup> in the Leipzig district rose by more than €120 million (10.1%) compared to 2016, reaching €1.347 billion. As in the previous year, this increase was largely accounted for by the 57 construction firms based in Leipzig itself, where revenue leapt by over a quarter to €614 million. Mind you, rising turnover was actually outstripped by incoming orders, which compared to 2016 rose by 14.1% to nearly €1.379 billion. Here, too, the increase enjoyed by companies based in the City of Leipzig – up by 43.1% to nearly €695 million – was much greater. Owing to this good business, the average workforce at building companies also grew. In Leipzig itself, the total headcount rose by nearly 8% to

3,656, partly because the number of building contractors registered in Leipzig increased by 11 within the space of a year. But since total employees in the two other districts of Greater Leipzig and North Saxony declined by 82, the overall workforce in construction in the Leipzig region only grew by 183 to 8,198.

The current business outlook is almost euphoric. The order books are already full and following the seasonal spring revival, construction companies have again substantially raised their expectations for 2018. The business expectations index has climbed 13 points to +25 percentage points, just one point short of its previous peak in spring 2013. This should give an extra boost to growth in construction in the coming months. But with many companies already working to capacity, additional investment is required if they are to expand. Moreover, the rising demand for personnel is beset by recruitment bottlenecks.

<sup>1</sup> Companies subject to reporting requirements with 20 or more staff.  
Sources: Economic Report by Leipzig Chamber of Commerce and Industry, 2018; Saxon Department of Statistics



## Agriculture in Leipzig

### Agricultural sector in transition

Agriculture in Germany, Saxony and not least in and around Leipzig is changing. Although farmland currently accounts for about 34% of land use in Leipzig, competition with other land-use types is intensifying as the city continues to grow. At present, most of the farmland in Leipzig is used for conventional farming. Even so, the importance of organic farming has been steadily increasing for several years. The aim of state funding and the growing emphasis on organic farming in the Common Agricultural Policy is to increase the amount of organic farmland, partly in response to both species decline in the agricultural landscape and the high levels of nutrients in the soil and water.

### 16th Agricultural Forum

In 2017, the annual Agricultural Forum was dedicated to sustainable, ecological farming. Hosted by the Leipzig Group's agricultural enterprise Wassergut Canitz GmbH in Thallwitz (District of Greater Leipzig), it was attended by delegates from local authorities and farming associations



as well as representatives of conventional and organic farms. The speakers included people directly involved in organic farming, who spoke about their business structure and operations. Other speakers discussed their experience of converting agricultural land to organic farming. The majority of those carrying out organic farmers lease land from the City of Leipzig, which is keen to support organic agriculture. During the forum, the different reasons for adopting organic farming were discussed. Some farms opted for organic agriculture as soon as they had been founded for reasons of nature and environmental conservation, while others had switched from conventional to organic farming owing to their land structure or as a reaction to changing demand on the market.

Ecological land use in the European Union is based on the EU-Eco-regulation. In addition, there are several organic farming associations such as Demeter, Bioland and Gaa, some of which impose even stricter requirements on their members going far beyond EU rules.



### In close contact with the farming community

Representatives of the local authority and farmland tenants hold regular workshops not only in the New Town Hall but also 'in the field'. The 15th Agricultural Forum was hosted by the Working Group on Agriculture together with Agrarprodukte Kitzen. This farming cooperative is both a land tenant and investor – and hence a long-standing contract partner of the City of Leipzig.



Leipzig must be business-friendly and offer competitive conditions regarding the location, employment and quality of life for all sustainable economic activities preferring an urban environment. Therefore, the development of Leipzig as a location for business in association with its science and research institutions must be the common central task of all administrative departments and municipal enterprises.

Source: Integrated Urban Development Concept for Leipzig 2030

# Investors welcome!



## 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 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

- 2018** — **Financial Times fDi Magazine – European Cities and Regions of the Future 2018/2019**  
Leipzig was crowned the top location in the category 'Human Capital and Lifestyle'. In this category, the city also rose to seventh place among the 'European Cities of Future'.
- 2017** — **2nd place in City Ranking for Future Sustainability**  
For the fifth time, the HWWI Hamburg Institute of International Economics and Berenberg Bank compiled a ranking assessing the future readiness of Germany's 30 biggest cities – and Leipzig rose to second place.
- **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 Hubs.
- **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 contributions 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 Germany, Leipzig came out above average and achieved third place in the category Cost Effectiveness of Doing Business.



Mayor of Leipzig Burkhard Jung (Social Democrats) accepts the award for Leipzig as one of Europe's foremost locations at the real estate exhibition MIPIIM 2018 in Cannes.

- **Leipzig/Halle Logistics Region placed 3rd 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.
- **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.



# Capable partner for business



Mr Hongbing Gao, Vice President of the Alibaba Group and Director of the Alibaba Research Institute, in talks with Burkhard Jung (Mayor of Leipzig), Dr Michael Schimansky (head of the Office for Economic Development), and IT specialists from Leipzig company quapona technologies. R&D company quapona technologies is a technical front-runner thanks to its products and is currently conquering the global sports and fitness world with its specially developed EMS tracksuit. Now focusing on Asia, quapona technologies has already held initial talks with the Alibaba Group.

## 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 land to potential investors below market value
- Directly create jobs!

## Tasks of business development



## Activities



# Growth prospects improved by SME Support Programme

## SME Support Programme

The City of Leipzig's SME Support Programme is a central pillar in its cultivation of economic development. The goal is to devise workable, promising solutions and financially support them whenever the capacities of small and medium-sized enterprises are just not enough. The funding 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. 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. Founders receive assistance as they take their first steps in Leipzig, and once their startup has been established, they can go on to benefit from all the other measures in the SME Support Programme.

The SME Support Programme has three strands:

### 1. Expansion 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. Foundation support

- Start-up bonus for master craftspeople
- Employee promotion for founders
- Bonus for innovative founders



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- 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

– Sri Lanka

– Sweden

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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# Leipzig in touch with the world



## Close contacts with Israel

On 14 May 2018, the 70th anniversary of the foundation of the State of Israel, numerous events were held in Leipzig, including the Israeli Summer Theatre Festival under the motto 'World in a Tent'. The City of Leipzig held a ceremony at Ariowitsch House, a centre of Jewish

culture, and the exhibition 'Personal Impressions from Israel' featuring photos and memories from the last 20 years was opened. In June, Mayor Jung and a delegation from Herzliya inaugurated the artistically redesigned square Herzliyaplatz.

## Leipzig Week builds bridges to Boston

On 9 February 2018, cooperation was sealed between the Gewandhaus Orchestra and the Boston Symphony Orchestra. The first Leipzig Week in Boston introduced Leipzig as a city of music and culture. Other topics included startups and innovation, medicine, librarianship,

institutions of higher education, and areas of collaboration such as the Peaceful Revolution and the Boston Tea Party, the Freedom Trail and Leipzig Music Trail, the Bauhaus and Jewish life.

## 25-year partnership with Houston

The twinning agreement between Leipzig and Houston is celebrating its 25th anniversary in 2018. The focal areas of collaboration are culture, student and internship exchanges, university cooperation, sports competitions, and the close partnership between Christ the King Lutheran Church in Houston and St Thomas's Church in

Leipzig as well as the Rotary Clubs of the two cities. This special anniversary year will culminate in Houston Week in Leipzig in October 2018 featuring an extensive cultural programme.

– [www.leipzig.de/houston25](http://www.leipzig.de/houston25)



## 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. On 24 August 2018, another in the series of Swiss Days was held with the participation of a delegation from a Swiss canton.

## As attractive as Japanese industry

With contacts in Tokyo, Nagoya, Osaka and Toyohashi, Japan has been high on the list of priorities of Leipzig's Office for Economic Development since 2006. Examples of the close relations include ties with the Japanese companies Arakawa Chemical and Yamazaki Mazak. And in return, numerous trade and political representatives of Japan have visited Leipzig. In 2017, Leipzig hosted the 54th Annual Meeting of the Association of German–Japanese Societies (VDJG). More than 100 delegates gathered at the New Town Hall, including Takeshi Yagi (the Japanese Ambassador to Germany), former ambassadors of both countries, and representatives of German–Japanese societies in Germany. Leipzig was represented by Silvana Walther, president of the Leipzig German–Japanese Society. To mark this annual conference, the Leipzig German–Japanese Society produced a publication entitled 'Leipzig and Japan – Closely Linked for 369 Years' containing a detailed description of the long, close relationship.

## Successful project in Vietnam

Aone Deutschland AG, a Vietnamese–German joint venture, was founded in December 2017. The company specializes in water treatment and sanitation as well as energy and environmental technology. The company's headquarters is located in the traditional Gustav Mahler Villa in Leipzig. The first project has already been successfully carried out in the Vietnamese province of Hàu Giang, where Aone Deutschland AG built a photovoltaic system with a megawatt output to supply the local waterworks with renewable energy.



## Staying in touch with Moscow

More than 60 business experts from Leipzig and Moscow attended a business forum at Porsche's car plant to explore what mutually beneficial contacts are still possible despite economic sanctions. Positive factors include stable purchases of natural gas from Russia by VNG Verbundnetz Gas AG, freight carriers, and the new passenger service between Moscow and Leipzig run by Russian airline Pobeda. Partnership with Moscow was also the main theme of the 2017 Leipzig Opera Ball. Another aspect is exchange in the field of healthcare and biotech, during which Dr Mikhailov (General Secretary of the All-Russian Medical Society) and Dr Golonova (a member of the board of the Association of Private Medical Institutions) visited Leipzig. Together with the Consulate General of the Russian Federation and Leipzig Chamber of Commerce and Industry, the Office for Economic Development organized meetings with companies and research institutions. The follow-up visit by a Russian delegation took place in late September. At the end of June and in October, German employers travelled to Leipzig's cooperation partner city Moscow to take part in business talks.

Many representatives of business and society attended Japan Day in Leipzig on 22 September 2017 at BIO CITY.



## First VDJG meeting in Leipzig welcomes Japanese ambassador

The visitors were welcomed at New Town hall by Deputy Mayor Heiko Rosenthal and Dr Michael Schimansky, head of the Office for Economic Development.





# Sophisticated market communication



as well as:

- MIPIM
- EXPO REAL – international expo for the property sector and investment
- MUT Central German Employers' Day

## MIPIM 2018: Leipzig makes a splash

At MIPIM, Europe's foremost real estate exhibition held in the French city of Cannes from 13 to 16 March 2018, the City of Leipzig filled half the German Pavilion with interactive, virtual 3D models and a 360-degree cinema. Both showpieces were developed especially for MIPIM by Leipzig firms. They communicated the main messages to the international audience, i.e. that the Leipzig region is a strong, up-and-coming business location with suitable real estate, unique transport connections and sought-after skilled workers; that the City of Leipzig scores with a diverse, high-profile arts scene and one of the most important cultural landscapes in central Europe; and the attractiveness of the region for business ventures in logistics, production and tourism.

Invest Region Leipzig GmbH lent organizational assistance to the City of Leipzig regarding its exclusive appearance at MIPIM. Other partners included the European Metropolitan Region of Central Germany, Leipzig Tourism and Marketing GmbH, multi-utility Stadtwerke Leipzig and Leipzig/Halle Airport. And among the image partners were RB Leipzig, Porsche AG and the Gewandhaus concert hall. The presentation showcased Leipzig as a worthwhile location for internationally expanding companies with investment ambitions. MIPIM's main theme in 2018 was sustainability, and numerous presentations and panel discussions addressed sustainability in urban planning, mobility, architecture and technology.



## Expo Real

The cities of Leipzig and Moscow see good prospects for long-term, diverse cooperation in the fields of construction and direct service organizations to be intensified. 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 then-Minister of Construction Industry, Housing and Utilities Sector of the Russian Federation, at Expo Real 2016.

## Info channels promoting Leipzig

When it comes to public relations and attracting investors, the internet is an ideal source of information and means of communication for the Office for Economic Development. It therefore devises and updates a number of websites designed to provide precisely the nuanced information needed by individual target groups in the economic sector:

- [www.leipzig.de](http://www.leipzig.de)
- [www.energiemetropole-leipzig.de](http://www.energiemetropole-leipzig.de)
- [www.wirtschaftsregion-leipzig-halle.de](http://www.wirtschaftsregion-leipzig-halle.de)
- [www.kreativwirtschaft-leipzig.de](http://www.kreativwirtschaft-leipzig.de)
- [www.facebook.com/Wirtschaftsfoerderung.Stadt.Leipzig](https://www.facebook.com/Wirtschaftsfoerderung.Stadt.Leipzig)
- [www.twitter.com/WifoLeipzig](https://www.twitter.com/WifoLeipzig)

## Valuable sources of information

The Office for Economic Development continuously updates several publications. This ensures that a wealth of information on Leipzig is always available to current and future employers.

## Commercial property database for the region

The new website continues the long-standing cooperation between the business development agencies in the Leipzig–Halle region, which began in 2005 with the Immosis project and enables potential investors to quickly access databases with locally maintained and updated information on commercial premises and factory units. Immosis has now been integrated into the new web portal [www.wirtschaftsregion-leipzig-halle.de](http://www.wirtschaftsregion-leipzig-halle.de).

## 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 such as:

- OTWorld (Healthcare & Biotech Cluster)
- Intec and Z Subcontracting Fair (Automotive & Suppliers Cluster)
- transport logistic (Logistics Cluster)
- Leipzig Book Fair (Media & Creativity Cluster)



# Together for the region



## 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 raft of cooperation agreements in which major corporations, local authorities, business chambers and associations, and universities and research centres work closely together. The latest project is the implementation of active structural transformation in the Central German coalfield. For this purpose, the

City of Leipzig has joined forces with eight other cities and districts in Saxony, Saxony-Anhalt and Thuringia to harness potential for future economic activity in the region. Impetus is expected from new concepts in the energy sector. Other aspects of the project are mobility, digital accessibility and tourism.

– [www.mitteldeutschland.com](http://www.mitteldeutschland.com)

## Invest Region Leipzig GmbH:

### Local advice for businesses from Germany and abroad



The core task of Invest Region Leipzig GmbH (IRL), which acts on behalf of the City of Leipzig, Leipzig Chamber of Industry and Commerce, and the districts of Greater Leipzig and North Saxony, is to attract domestic and international businesses to Leipzig. To this end, in 2017 Invest Region Leipzig appeared at more than 30 exhibitions and forums in Germany. Other activities included road shows and company visits to generate suitable business contacts, the aim being to highlight the region's potential to companies and also influencers in Poland, the USA, the UK and Switzerland and to recommend it as an outstanding investment location. IRL works closely and shares information with regional business development agencies and network partners of the Leipzig region to compile individual offers of suitable commercial premises.

Working together for the innovation region of central Germany. Representatives of the nine local and district authorities as well as the Metropolitan Region of Central Germany (left to right): Hartmut Handschak (Deputy Chair of the District of Saalekreis), Henry Graichen (Chair of the District of Greater Leipzig), Jörn-Heinrich Tobaben (CEO of Metropolregion Mitteldeutschland Management GmbH), Burkhard Jung (Mayor of the City of Leipzig), Kai Emanuel (Chair of the District of North Saxony), Götz Ulrich (Chair of the District of Burgenlandkreis), Michael Sojka (Chair of the District of Altenburg), Dr Angelika Klein (Chair of the District of Mansfeld-Südharz), Elena Herzel (CEO of development agency EWG Anhalt Bitterfeld mbH) and Dr Bernd Wiegand (Mayor of Halle/Saale).

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# Competing for the best recruits



'Changing occupations' –  
Careers Guidance Dialogue 2018  
at Porsche Leipzig



Looking ahead to tomorrow.  
Bringing employers and schools  
together.

[www.leipzig.de/berufsorientierung](http://www.leipzig.de/berufsorientierung)

'Future digitalization: How should we prepare young people for digital change?' was the title of the annual conference of the Leipzig working group SCHOOL-BUSINESS held at BMW's car plant in Leipzig with the involvement of Hans-Peter Kemser, the factory manager.

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Recruiting skilled workers is one of the biggest challenges facing employers. Well-trained employees form the basis for competitiveness and economic growth. Attractive living conditions and an ideal environment for work and training make Leipzig very popular, especially among young people. Leipzig has been granted over €2 million to support the network of partners of the Skilled Workers' Alliance set up by the Saxon Ministry of Economic Affairs, Employment and Transport.

## Promoting STEM professions

Leipzig is actively responding to the challenges of the changing workplace, especially in the promotion of young talent. Therefore, preparing youngsters for World of Work 4.0 is at the forefront of all its activities.



The City Robotics Championships, organized for the third time by Vocational Training Centre No. 7, generate enthusiasm for technical occupations. Another institution promoting skills in STEM professions is the Regional Robotics Centre at HTWK Leipzig University of Applied Sciences.

## Careers guidance

The City of Leipzig brings schools and employers together. The chances of finding an apprenticeship in Leipzig are now better than ever. For example, the number of apprenticeship vacancies registered with the Employment Agency is only slightly lower than the 2,553 applicants currently on file. Highly attractive employers are seeking to recruit young staff, especially in growth sectors. And there are exciting tasks in store for those who have completed formal training. The City of Leipzig is committed to creating the best possible conditions for all youngsters to help them master the transition from school to working life. Support is provided under programmes like TANDEM and JOBLINGE as well as by the technology worlds of VDI-Gara.ge and Inspirata. In 2018, nearly 2,500 jobs were made available during 'Look inside! Open Week in Saxony'. These programmes help businesses in Leipzig recruit new blood and make a significant contribution to reducing youth unemployment.

Working with the Employment Agency, the Chamber of Commerce and Industry, the Chamber of Small Industries and Skilled Trades, and partners from careers and study guidance, the City of Leipzig has compiled a comprehensive range of activities to give youngsters work experience. These opportunities include internships and summer jobs, helping young people find exactly the training which suits them.

# Investors love Leipzig!

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

## Porsche starts fifth expansion phase

The sports car manufacturer is investing a mid-nine-figure sum in its Leipzig plant for the production of the new generation of the Macan. This is Porsche's fifth expansion phase in Leipzig.

## BMW invests another €300 million

BMW is currently making an additional investment of more than €300 million in its Leipzig car plant. This will pave the way for the production of future model generations and also boost annual output to around 350,000 vehicles by 2020.

## USM Haller moves to Leipzig

Swiss office furniture manufacturer USM Haller is relocating its assembly operation from Baden-Württemberg to Leipzig. Premises in north Leipzig have already been leased for this purpose. The move is expected to be completed by 2018. Some 300 new jobs will be created with the prospect of additional recruitment later.

## CO.DON AG comes to Leipzig

CO.DON AG, headquartered in Teltow and Berlin, has chosen Leipzig for its new production site. The pharmaceutical company signed a lease starting on 1 January 2018 for premises in BIO CITY LEIPZIG and has announced it is investing about €10 million in equipment. Eventually, 30 new jobs will be created in Leipzig.

## T-Systems Multimedia Solutions opens project office in Leipzig

On 1 June, digital service provider T-Systems Multimedia Solutions opened a project office in central Leipzig in Deutsche Telekom's own building at Querstrasse 1–9. The company plans to recruit additional personnel.

## DIPAT Die Patientenverfügung GmbH relocating to Leipzig

Since early 2016, e-health start-up DIPAT has provided a novel online service for living wills and emergency data. The company has now received a total of €2 million from investors. DIPAT plans to use this funding to expand its services and become the market leader in Germany. To this end, the company is moving its headquarters from Berlin to Leipzig.



## D&S Strahltechnik expands Leipzig site

D&S Strahltechnik GmbH & Co. KG is expanding its premises in Leipzig. Hot-formed components for car bodies will now be blasted in a newly built production unit on Mockauer Ring. The site augments the facility built in 2012 for the machining of CFRP components on the former Quelle site at the old airport.

## GOLDBECK Nordost GmbH expands in Leipzig

Innovative construction company GOLDBECK has acquired a three-hectare plot to expand further in Leipzig. Although regional company GOLDBECK Nordost GmbH currently has 150 staff, as a result of its dynamic growth, demand for personnel is set to rise in the medium term to as many as 250 employees.

## Amazon continues to invest in Leipzig

A unit previously only used for the Christmas trade is now being converted into a high-bay warehouse for large products like lawn mowers and microwaves at a cost of €5 million.

## Ground-breaking ceremony for the iDiv building

iDiv, the youngest DFG German Research Foundation research centre, has over 300 staff in Halle, Jena and Leipzig. On 12 April 2018, the groundbreaking ceremony took place for the new iDiv building, completion being scheduled for the end of March 2020. Left to right: Bernd Engelsberger (head of the Department of Regional Construction, Saxon Ministry of Finance), Professor Beate Schücking (Rector of Leipzig University), Uwe Albrecht (Deputy Mayor of Economic Affairs and Employment, Leipzig), Dr Eva-Maria Stange (Saxon Minister for Science and the Arts) and Michael Kretschmer (Minister-President of Saxony).







## 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.

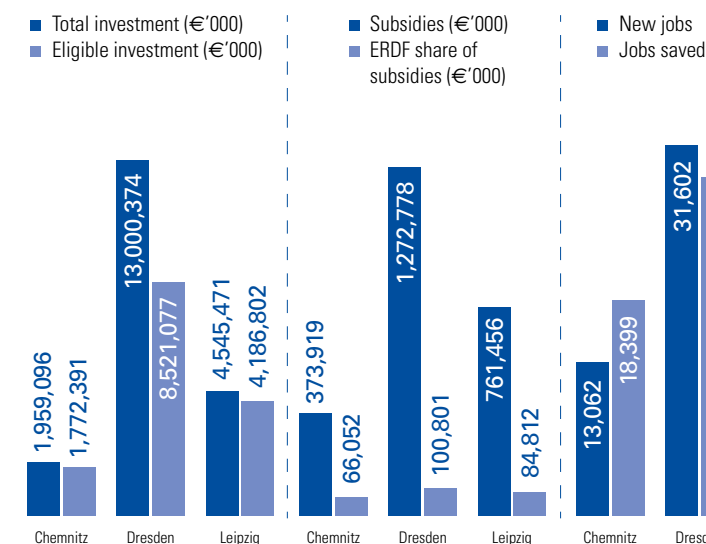
### Broadband upgrade

Some areas of Leipzig still have broadband speeds below 50 Mbit/s. The areas with poor internet speeds were identified in a broadband study carried out in 2017. Internet access will be upgraded over the next few years with the help of subsidies from regional and federal government. The next step is to provide these areas with

FTTB (fibre-to-the-building). To have the work performed as cost-effectively as possible, it will be put out to tender with the assistance of a technical and a legal consultant. The aim is complete broadband upgrade by the end of 2020.

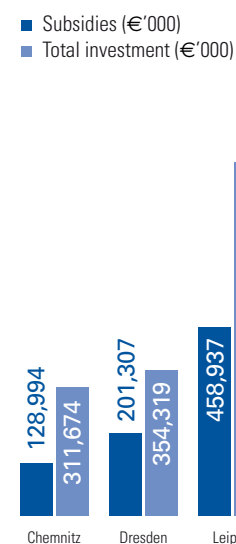
#### GRW funding for the private sector

Excluding projects that have been cancelled or completely withdrawn.  
1 Jan 1990 – 31 Dec 2017 (figures correct as of 10 July 2017)



#### GRW funding for business-related infrastructure

1 Jan 1990 – 31 Dec 2017



## 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 the government of Saxony approved grants for 650 research and technology projects totalling about €196.3 million under the above-mentioned programmes. They include 113 projects by enterprises, universities, non-university research institutes and other beneficiaries operating in Leipzig.

#### Funding for research and technology in 2017 (€'000)

	Leipzig	Saxony – total
Approved funding	31,919.07	196,261.04
Of which:		
EU project and network funding	810.70	1,943.04
Research infrastructure and research projects	11,294.30	48,879.48
HORIZON bonus	7.50	7.50
InnoExpert	1,186.79	5,377.68
InnoTeam	355.48	8,908.82
Innovation bonus	226.57	2,318.44
Innovative energy technology	1,321.48	4,809.90
KETs pilot lines	1,306.02	3,155.05
Junior research groups and doctoral students	1,958.08	25,766.10
Other technology programmes	442.64	442.64
Technology transfer	149.66	2,452.40
Transferassistent	0.00	447.22

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 2017, they had invested a total of over €70 million in the economy of central Germany, including around €2.5 million in 2017. 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 2,000 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.

### 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 wears the hat 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.

## 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 2018, projects were funded to the tune of around €10 million.

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

## Technology Scouts

AGIL GmbH has been successfully running 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](http://www.agil-leipzig.de)

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[www.leipzig.de](http://www.leipzig.de)



# Energy and mobility: Developing solutions with European partners

Over the years, the City of Leipzig has amassed a huge amount of expertise on European policy matters. The Department for International Cooperation 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 development and implementation of the ERDF and ESF operational programmes in Saxony for the new programming period until 2020.



## NEU Network Energy & Environment strengthens its members

The NEU association is a project partner in three funding projects designed to improve services for member companies.

target market analysis and cluster members' participation in business delegations, international trade fairs and matchmaking events for new business contacts.

COSMENERG and COSMENERG-4i:  
Cluster management for SMEs

[www.cosmenerg4i.com](http://www.cosmenerg4i.com)

The EU programme COSME supports small and medium-sized enterprises. One of the projects in the programme, COSMENERG, promotes the further development of cluster management organizations with a view to fostering the growth and competitiveness of small and regional companies. NEU is working on this project with four clusters from the energy and environmental industry from Romania, Poland, Serbia and Hungary. The five participating cluster organizations represent around 300 SMEs with a thematic focus on renewable energy and environmental technology. The joint successor project COSMENERG-4i is geared towards closer collaboration and future international projects among the partners. The project's target countries in Southeast Asia are Vietnam, Malaysia, Indonesia and Singapore, and in the Middle East the United Arab Emirates, Jordan and Israel. COSMENERG-4i includes detailed

Central Europe Project FIRECE:  
Innovative finance for sunrise industries  
FIRECE serves projects in the areas of renewable energy, energy efficiency and smart mobility using innovative financing instruments. NEU is collaborating regionally with the Innovation Finance Group of the IMW Fraunhofer Center for International Management and Knowledge Economics as well as eight other project partners from Austria, Croatia, the Czech Republic, Hungary, Italy and Poland. Workshops and seminars explain alternative financing approaches and their implementation in concrete projects. Possible financing approaches include crowdfunding, crowd-investing and venture capital.

[www.interreg-central.eu/Content.Node/FIRECE.html](http://www.interreg-central.eu/Content.Node/FIRECE.html)



## Smart City Leipzig 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 include technical, economic and social innovations. The aim 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 collaborating 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', too. Working closely with municipal service companies, the private sector and other council departments as well as the general public, Leipzig Office of Urban Renewal and Residential Construction Subsidies draws up sustainable project proposals. The project ideas are discussed and structured, and financing concepts are worked out in future forums and future labs. The key principles are sustainability, quality of life and social stability in Leipzig. Digitalization creates new opportunities to achieve goals in smart city Leipzig.

## Promoting a citizen-friendly Europe

EUROCITIES, a network made up of 140 member cities, has launched the campaign 'cities4europe – Europe for citizens' to promote democracy and participation in the European Union. The aim is to develop new forms of

democracy and policy-making in these Euro-critical times and encourage greater public participation. The initiative's three primary goals are Involve, Inspire and Impact.



## Aufbauwerk Region Leipzig GmbH: New projects in mobility and transport

Aufbauwerk is responsible for the management of EU-funded projects for the City of Leipzig and the surrounding districts. Two projects are dedicated to mobility in co-operation with the City of Leipzig. The project DEMO-EC (Development of Sustainable Mobility Management in European Cities) in the Interreg Europe programme began in January 2017 and is devoted to sustainable mobility management in order to reduce CO<sub>2</sub> emissions in European cities. Supported by sharing experience with five European project partners from the Czech Republic, Italy, Poland, Slovenia and Spain, the City of Leipzig's Traffic and Civil Engineering Office is working with Aufbauwerk Region Leipzig GmbH to drive developments such as a low-traffic city centre through the greater use of public

transport and also e-mobility. Knowledge-sharing across Europe will culminate in the updating of the City of Leipzig's Inner-City Transport Concept.

[www.aufbauwerk-leipzig.com](http://www.aufbauwerk-leipzig.com)







# Public procurement contracts



Mobile data acquisition devices were purchased for the Authority of Public Order for use in traffic surveillance.



The Urban Parks and Waterbodies Authority received two electric pickup trucks with driver's cabs.



To boost the attractiveness of the Christmas market, an elves' workshop was hired as a craft room for children.

## Procurement of works and services

In 2017, the following procurement procedures for works and services were carried out by the City of Leipzig's purchasing offices and the Central Tender Department:

- 36 public tenders
- 26 open procedures
- 3 restricted procedures
- 5 negotiated procedures
- 16 direct awards (value exceeding €25,000)

The total number of procurement procedures in 2017 (86) was lower than in 2016 (106). The share of public tenders (announced in national media) also declined. By contrast, the share of open procedures (also announced in the supplement to the Official Journal of the European Union) rose. There were far fewer direct awards exceeding €25,000. Direct awards and restricted procedures exceeding €25,000 were posted on [www.leipzig.de](http://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

	€'000	Share of procurement	No. of contracts	Share of contracts
Metropolitan Region of Central Germany and District of North Saxony	€49,095.57	70.51%	103	68.67%
Of which: Leipzig region	€34,598.18	49.69%	84	56.00%
Rest of Germany	€20,534.79	29.49%	47	31.33%
Total	€69,630.36	100.00%	150	100.00%

## Procurement from regional firms pursuant to VOL/VgV

In the 86 procurement procedures in 2015, 150 contracts with a total value of €69.6 million were awarded for works and services. Of these, 103 contracts (68.7%) went to bidders from the Metropolitan Region of Central Germany (including the District of North Saxony), 84 (56.0%) of which were awarded to firms from the region covered by the Leipzig business chambers. 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 70.5% – and some 49.7% for Leipzig firms. Total procurement in 2017 was about about €21 million higher than in the previous year. This is mainly due to the fact that in 2017, the building cleaning services and the economic service in municipal childcare centres in Leipzig as well as the supply of 22 fire engines (HLF 20) with a total value of about €30 million were put out to tender.



The complete refurbishment and expansion of a four-stream grammar school on Gorkistrasse cost about €20m.

# Public contracts for municipal structures

In 2017, the City of Leipzig carried out 810 construction procurement procedures and awarded building contracts totalling €101.4 million, about €29 million more than in 2015. Contractors in the Leipzig region won 65% 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 November 2017, the board held its 1,100th 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 compliance with the principles of transparency and the fair, equal treatment of bidders. Since May 1991, the Construction Procurement Committee has made award recommendations for construction work totalling €1.8 billion and voted on 4,773 proposals. These figures demonstrate the valuable contribution made by the local authority to healthy economic development and social stability. In 2017, the main building and infrastructure projects contracted out included the following:

## Traffic and Civil Engineering Office (VTA)

Roads and bridges:

- Prager Strasse between Johannisplatz and Gutenbergplatz, March–December 2017 (advance work by KWL until October 2016); costs: about €4.4m (VTA: €2.15m, LVB: €1.4m, KWL: €0.85m)
- Holzhäuser Strasse between Baumeysterstrasse and the tram track loop, March–December 2017, costs: €7.77m (VTA: €2.17m, KWL: €1.1m, LVB: €4.5m)
- Traffic lights at the junction of Matzelstrasse/ Bornaische Strasse, July–December 2017, costs: €450,000
- Georg-Schumann-Strasse between Linkelstrasse and Am Viadukt, February–November 2017, costs: €1.4m
- P+R in Lausen, July–December 2017, costs: €609,000
- New bridge on Tauchaer Strasse spanning Lösgraben, July 2017 – April 2018, costs: €450,000
- Structural renewal of the bridge on An der Mühle in Stahmeln, January–October 2017, costs: €485,000

- Replacement of culvert on Gottfried-Rentzsch-Weg, June–November 2017, costs: €188,000
- Replacement of Peterssteg pedestrian bridge, January 17 – March 2018, costs: €748,000
- New Erikenbrücke bridge spanning the White Elster, May 2016 – May 2017, costs: €969,000
- Bridges on Strasse des 18. Oktober, 1st phase, dismantling completed, November 2016 – June 2017, costs: €3m

## Office of Building Management

Construction projects:

- Complete refurbishment and extension of a four-stream grammar school on Gorkistrasse, July 2014 – July 2017, costs: €20m
- Refurbishment and reopening of disused comprehensive school, December 2015 – July 2018, costs: €15m
- New integrated fire station, 2nd and 3rd phases, August 2016 – June 2018 (excluding outdoor facilities), costs: €12.7m

## Urban Parks and Waterbodies Authority

- New Cäcilienpark, autumn 2017 – spring 2018, costs: €208,000
- Schillerplatz, replacement playground, November 2017 – April 2018, costs: €95,000
- New playground between Georg-Schwarz-Strasse and Pufendorfstrasse, spring 2017 – autumn 2017, costs: €115,000
- Refurbishment of protected green space at Karl-Liebknecht-Strasse 27–33, February–May 2017, costs: €393,200



The new integrated fire station in Leipzig was built at a cost of €12.685m.



Prager Strasse underwent redevelopment costing €4.4m.



The new playground on Schillerplatz cost €95,000.



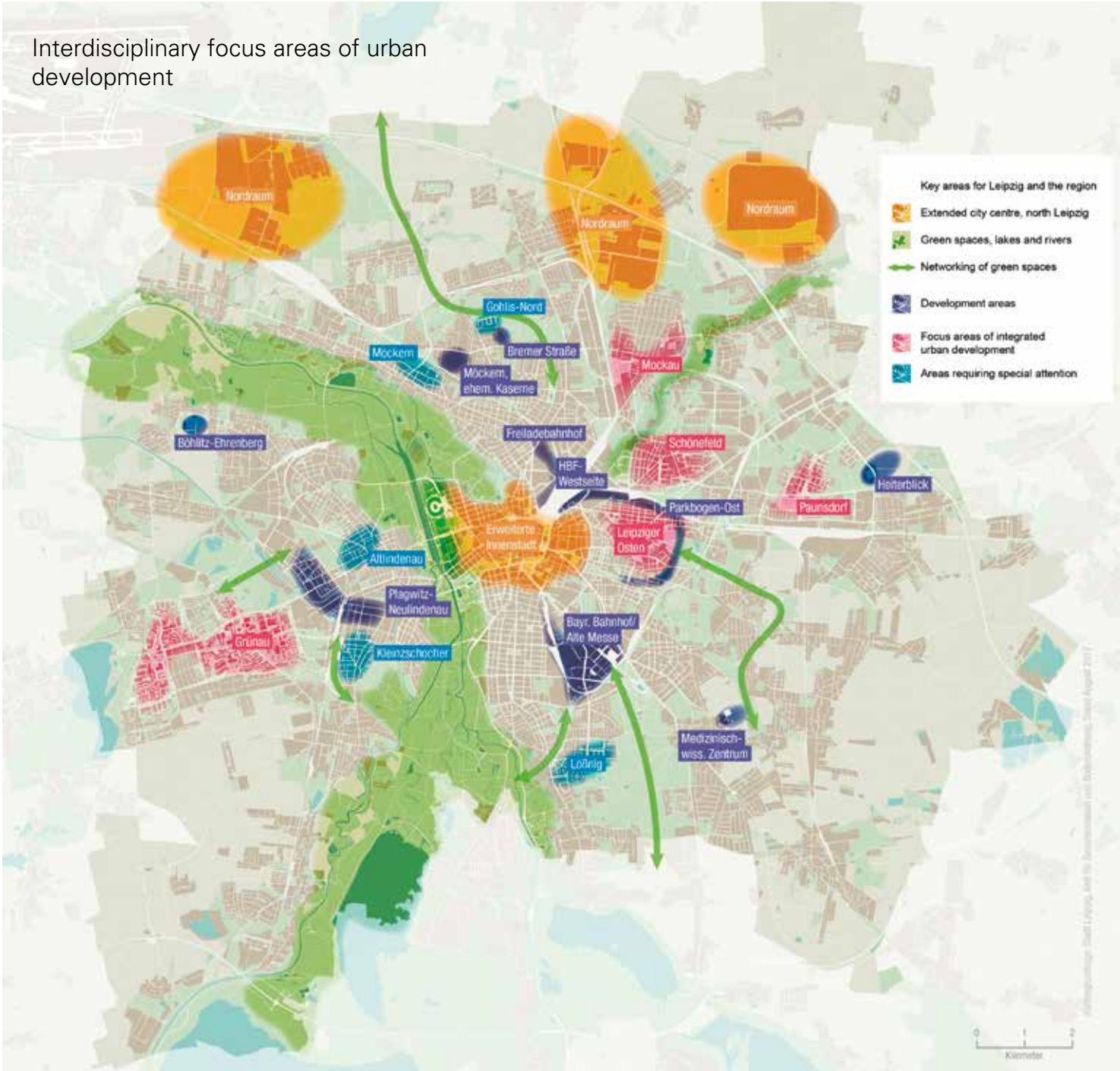
The availability of land and infrastructure is essential for the ability to function of a growing municipality. Given the expected long-term growth, it's important to secure suitable development areas today so that the necessary action can be taken tomorrow and the day after. The aim is therefore to safeguard future development options by means of strategic land banking and an active real estate policy.

Source: Integrated Urban Development Concept for Leipzig 2030

# Projects and prospects



Interdisciplinary focus areas of urban development



## Turnover in 2017 reaches €2.8 billion

With total turnover of some €2.8 billion, Leipzig's real estate market reached a very high level in 2017 despite the 8% decline in transactions. The real estate market report for 2017 was submitted by the City of Leipzig's Valuation Committee, an independent authority attached to the Geoinformation Office.

Although the number of purchase contracts decreased from 7,331 to 6,728, this figure was still above the average for the past ten years. And on the market for vacant land, the considerable reduction in the number of transactions contrasted with an 18% rise in transaction volume.

### Vacant plots: A brisk market

The market for vacant land was very buoyant in 2017. Even so, the number of transactions for vacant sites destined for multi-storey buildings declined by about 30%, and the same can be said of plots for individual houses (down by about 47%).

The indicative land values calculated at 31 December 2017 are posted online ([www.bodenrichtwert.leipzig.de](http://www.bodenrichtwert.leipzig.de)). The average price of building land for individual housing construction in Leipzig was about €177 per square metre. The average price paid for plots suitable for a detached house in 2017 (medium-sized plots about 750 sqm in size) was about €128,000.

Prices of vacant land suitable for multi-storey buildings increased enormously in some cases, even doubling in certain locations (a phenomenon already observed in 2016). Price rises in average locations were clearly higher than in preferred areas. The average price increase across all locations was about 70%.

### Built-up plots: Prices on the increase

The decline in the number of sales transactions for built-up plots compared to 2016 was offset by rising prices. On average, €1,433 per sqm of living space was paid for renovated apartment buildings, an increase of around 16% on the previous year. Meanwhile, €822 per sqm of living space was paid for refurbished blocks, a rise of 60%.

### Owner-occupied housing:

#### Leader in the overall market

The entire property market was dominated by owner-occupied housing, which accounted for about 70% of all transactions. Resales of refurbished condominiums made up about 50% of strata titles.

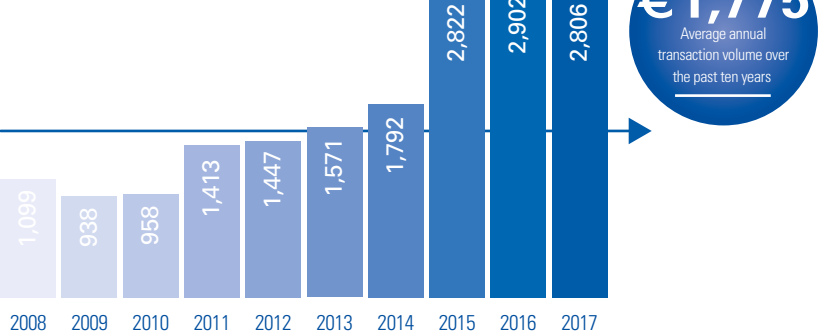


The mean purchase price for refurbished owner-occupied housing ('first sales', excluding parking spaces) rose by 11% in 2017 to €3,699 per sqm of living space, individual prices ranging from €2,346 to €4,696 per sqm. Regarding the resale of refurbished owner-occupied housing (also excluding parking spaces), prices ranged from €323 to €4,420 per sqm. The mean price (€1,472 per sqm) was about 15% above the previous year. Apartments in new developments (including underground or outdoor parking) sold for an average purchase price of €3,739 (€1,967 to €5,287) per sqm in 2017, 5% above the previous year's mean.

### Commercial property: Building land stable

The 45 sales of vacant commercial sites in 2016 were about 10% fewer than in 2016, albeit above the ten-year average. Prices for commercial land can largely be described as stable. The number of transactions for built-up commercial sites declined somewhat, as did total turnover by the same margin.

Transaction volume in €m



Source: City of Leipzig Valuation Committee, [www.gutachterausschuss.leipzig.de](http://www.gutachterausschuss.leipzig.de)





## Precautionary land management for the growing tasks of the city

### Land bank

The Municipal Real Estate Office is responsible for the land and buildings owned by the City of Leipzig which are temporarily or permanently not required for municipal tasks. The Municipal Real Estate Office currently manages 4,026 such fiscal assets. They have a total area of 3,072 hectares, all but 11 hectares of which are located on the territory of the city.



### Land provision for the needs of the growing city

Until a few years ago, the needs of the city were nearly always met with its own land and asset disposals were mainly carried out to boost the municipal budget. But since the city began its dynamic growth, the situation has changed sharply and real estate sales have taken a back seat. The tangible land shortage poses a new challenge for the administration for the space required to meet the city's obligations is steadily increasing.

The Municipal Real Estate Office's primary task is to provide the land required by the various council departments. Sites for the municipal infrastructure are made available for, say, the construction of childcare centres and schools as well as roads both from its own land bank and by land purchases. To ensure departments' land requirements can be quickly met and covered in the long term by means of strategic provisioning, the Municipal Real Estate Office is increasingly developing into a land bank holder. Therefore, its purchases of land on the open market are on the rise. Last year, the Municipal Real Estate Office acquired 44 plots, enabling 416,898 sqm of additional land to be provided for municipal tasks. Disposals took place in 2017 primarily to meet municipal needs. The Municipal Real Estate Office sold a total of 88,085 sqm of space from its own portfolio, including 30,192 sqm of commercial land. Through these sales, the Municipal Real Estate Office paved the way for eight companies to invest and expand, creating new jobs and

safeguarding existing ones. The sale of a 3-hectare site at Torgauer Strasse Business Park says much about Leipzig's growing economy as it enabled an industrial company to expand its Leipzig branch and increase its headcount in the medium term from 150 to 250.

### Portfolio management and maintenance

The Municipal Real Estate Office is responsible for maintaining the safety of its fiscal land. This includes repairs and maintenance, pruning trees and shrubs, cutting the grass, road sweeping and winter road clearance.

In 2017, some 450 individual measures of this nature were carried out on its portfolio for a total of around €3.1 million. About €1 million was spent on the structural maintenance of residential and commercial property as well as demolition work. And the marketability of 36 apartments for rent with a total living space of 2,290 sqm was restored.



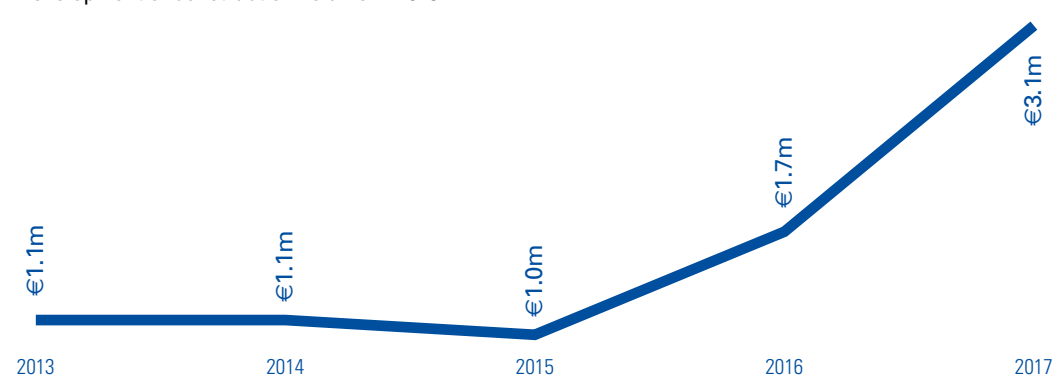
### Goldbeck expands in Leipzig

The company Goldbeck bought a building plot from the City of Leipzig in order to expand further in the city. The purchase agreement for a 3-hectare site was signed in May 2017 with the Municipal Real Estate Office. Lars Luderer (CEO of Goldbeck GmbH), Bernd Mönch and Klaus E. Hänsel (CEOs of Goldbeck Nordost GmbH) met with Uwe Albrecht (Deputy Mayor of Economic Affairs and Employment) for the groundbreaking ceremony for Goldbeck's new office building on 5 March 2017.

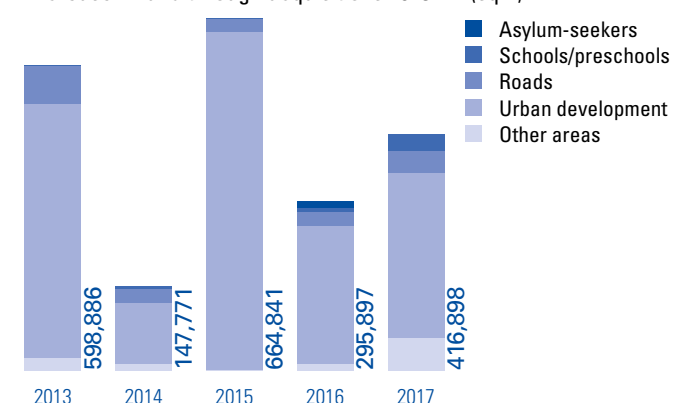
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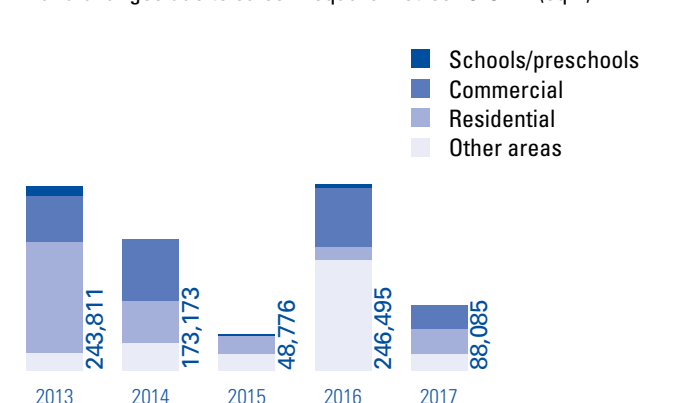
Development of construction volume in 2013–17



Increase in land through acquisitions 2013–17 (sqm)



Land changes due to sales in square metres 2013–17 (sqm)





Posterlounge

Posterlounge GmbH, which was founded in 2003, has undergone textbook development. The success story of this Leipzig art publisher and online shop for wall decoration began at the Weissenfeler Strasse Business Park in Plagwitz, where over the years the family-run business rose to become one of the one of the biggest fine art dealers. Moving into new, much larger production and office space at Heiterblick Business Park in mid-2017 has paved the way for the firm's further expansion and internationalization.



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LGH: Ideal commercial premises



LGH: Commercial premises for rent

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

Wide range of premises

LGH's broad portfolio currently comprises 12 commercial estates benefiting from good infrastructure across Leipzig. It has a total of more than 130,000 sqm 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.

Business park	Area (sqm)	Types of premises	Units available
Heiterblick Business Park	18,900	Offices, industrial units, storage space	Offices and industrial units (from 30 sqm, from 100 sqm)
Weissenfeler 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)

Revitalization of inner-city commercial sites

LGH's development and construction activity began with '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. At the end of the 1990s, around 25,000 sqm of floor space was developed for companies in the former industrial district of Plagwitz in four partly refurbished, partly newly built business centres. This provided important impetus for urban development and the re-establishment of business activity in a residential and commercial district whose former vibrancy has now been restored.

Development of cluster-specific projects

The cluster-specific buildings which began to be built in 2000 (media city leipzig, BIO CITY LEIPZIG, BioCube) are geared to meeting tenants' specific requirements and offer enhanced value in the form of technical facilities (e.g. laboratories) as well as synergy and networks.



Alte Messe: Life sciences evolve

Ever since Leipziger Messe moved to its new exhibition centre 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 3,700 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 focuses on science, research and medicine. For example, 100,000 sqm of land has been reserved to build up the life science cluster which has emerged around BIO CITY LEIPZIG.

BIO CITY LEIPZIG

21 established biotech 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.



The iDiv German Centre of Integrative Biodiversity Research's new building will round off Alte Messe's scientific profile.

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 sqm 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 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

Archives all German and German-language publications since 1913.



A technology centre is being built on part of the former Soviet Pavilion.

Investments in other sectors:

City Archive

The City Archive is set to move into Pavilion 12, the former Soviet Pavilion, by 2019.

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 Pavilion 11

The conversion of this listed pavilion created about 6,000 sqm of retail space. It now welcomes 1.2 million customers annually.

Soccerworld

This refurbished pavilion contains 10 football pitches on a total area of 8,000 sqm as well as a sports bar and event zone.

Porta Möbel

This three-storey furniture superstore has been built on a site measuring 70,000 sqm, including 39,000 sqm of retail floorspace.

Repurposing of listed pavilions

Stadler's bicycle store will move into Pavilion 15 by 2019, while DIY store Hornbach will open in Pavilion 17 in 2020.

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## Lindenau Harbour

Just 4 kilometres west of the city centre, 470 new dwellings are currently being built. All the available land has already been sold. The first show homes were opened on 25 April 2018 – and the first townhouses were ready for occupation in April 2017.

# Leipzig: Sustainable growth

## Leipzig is growing fast in newly designed urban structures

Leipzig's population has been realistically forecast to return to its former level of 700,000 in the not-too-distant future. Population decline was caused by the long shadows of the twentieth century with population losses in the two world wars, high environmental pollution in the East German era, and huge job losses when socialist enterprises were no longer competitive in the early 1990s. But since the dawn of the new millennium, this trend has

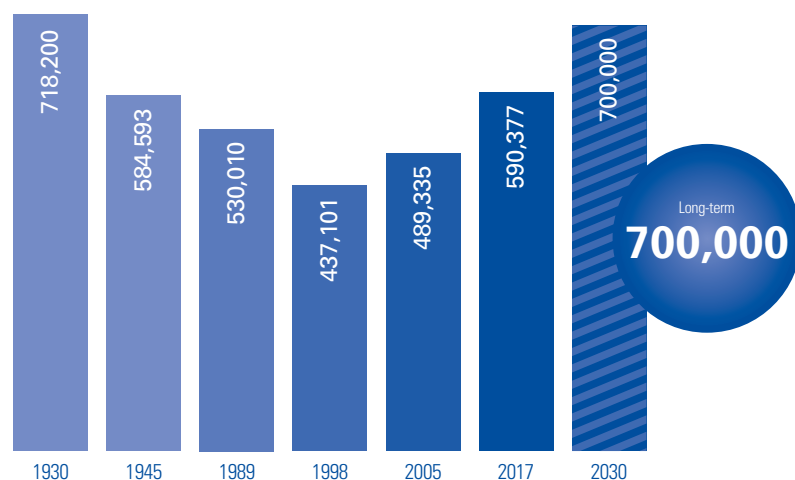
been reversed. Innovative companies setting up shop in Leipzig began offering attractive jobs taken up by young people, who profited from (and then reinforced) Leipzig's spirit of optimism. Initially, there was sufficient excess housing to meet demand. But now newbuild projects are booming, creating living space and leaving no infill site untouched! The bottom line is 100,000 new Leipzigers since 2005 – a figure which is growing all the time.

## Urban renewal in the growing city

Urban regeneration in the growing city entails controlling the quality of investment in housing construction (€6.6 billion) and technical infrastructure (€4.5 billion) while preserving and developing the city's strengths and also harnessing momentum to reduce weaknesses. In order to manage the growth anticipated until 2030, at least 50,000 additional homes will be needed from a combination of refurbishment, brownfield development and urban expansion areas.

Lindenau Harbour was the first newbuild district, and other areas are currently under discussion, being planned, or already being developed. All in all, they will provide 22,000 new homes.

## Population development in Leipzig



## Urban development projects in Leipzig

Site	Area	No. of homes	Commercial/offices	Start of construction
Lindenau Harbour	4 ha	490	Yes (commercial)	Under construction/ completion in 2020
LWB: Sites around the city		900	Some	From 2019
West side of Leipzig Central Station	About 12 ha	700	Yes (share not decided)	2019
Eutritzscher Freiladebahnhof	About 25 ha	2,000	Yes (30%)	About 2021
Bayerischer Bahnhof	About 36 ha	3,000 (under negotiation)	Yes (share not decided)	Unknown
Former Krystallpalast	About 2.8 ha	340	Yes (offices and hotel)	Unknown
Wilhelm-Leuschner-Platz	About 2.8 ha	140	Yes	Unknown
<b>Total</b>		<b>7,570 homes (including about 2,300 social dwellings)</b>		



## New district takes shape next to Leipzig Central Station

Starting in late 2019, a brand-new district is to be grown on an area of more than 12 hectares between the west side of Leipzig Central Station, Kurt-Schumacher-Strasse and the River Parthe. The impetus for the development of these brownfield sites (some of which are currently used for commercial activity) came from the sale of land previously required by Deutsche Bahn to Leipzig 1 GmbH from Bremen. The City of Leipzig and the new owner are planning the entire district with residential development, commercial premises, social infrastructure and green spaces on the basis of the Integrated Urban Development Concept. Urban areas and business parks are to cover a gross floor area of 82,000 sqm with housing accounting for between 40 and 75% of the entire district. The overall structure is based around the area's integrated location and the four main development belts. Small, privately owned (yet still open to the public) squares and green spaces between the construction sites will help improve the microclimate. A five-stream grammar school with a three-court gymnasium has been planned in the northern part of the district.

## Eutritzscher Freiladebahnhof: Planning in dialogue with the public

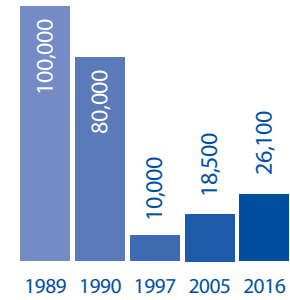
The City of Leipzig is actively tackling the planning challenges of the coming years. The planning of underused and brownfield sites in integrated locations starts in conjunction with various developers. In cooperation with CG Gruppe AG, which owns the main areas of the 25-hectare former Eutritzscher Freiladebahnhof (a former railway depot), a completely new, green urban district with inner-city density is to be developed. In addition to complying with the City

of Leipzig's energy and climate protection targets, it is also intended to meet the requirements of its future inhabitants in terms of living quality, jobs and social infrastructure. Thirty per cent of the planned new housing development is to be subsidized, rent-controlled housing for key workers, while another 30% of the floorspace has been earmarked for commercial use. In order to produce a redevelopment concept enjoying public approval, a series of cooperative urban planning workshops has been held.





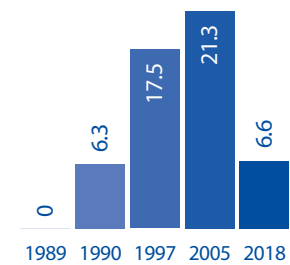
Industrial jobs in Leipzig



Sources: Leipzig Office for Statistics and Elections

Due to various methodological changes since 1989 (1989 Employment Survey, 1990–1997 Statistics of the Regional Department of Statistics for Businesses), the figures are not directly comparable.

Unemployment (percentage)



Sources: Leipzig Office for Statistics and Elections, Statistical Yearbook 1992, Statistical Yearbook 2001, unemployment rate for 2018 correct as of 30 June



## Structural change bears fruit

Although traditionally characterized by its international reputation based on trade fairs and commerce, prior to 1989 Leipzig was primarily an industrial city with over 100,000 blue-collar workers and several major engineering factories and printing plants. The closure of factories which were no longer competitive after 1989 coupled with the loss of about 90,000 industrial jobs by the mid-1990s had a ripple effect which still impacts the economic and labour market structure. Turning industrial decline into a new phase of dynamic growth based on complete structural transformation was achieved thanks to the decisions to invest in Leipzig taken between 1999 and 2001 by major corporations such as Siemens, Porsche and BMW.

### Growth areas

The automotive and logistics clusters in north Leipzig represent the industrial core and the production-based growth segments in the Leipzig–Halle region. This district is characterized by high-quality transport infrastructure (airport, multimodal terminal, Schkeuditzer Kreuz intersection) and sound conditions for internationality and knowledge-sharing (trade fairs and conventions). The further growth of the industrial cores is to be brought about by means of additional land, the expansion of the infrastructure, and better transport links (both commercial traffic and public transport). The goal is to strike a balance

between the quality of life, industry, green spaces and agriculture. Land banking, compensatory green areas and quality of life/noise protection are to be anchored in key areas in north Leipzig.

### Clear emphasis on urban business parks

With their urban mixed use comprising small businesses, skilled trades, innovative services and the creative sector, the inner-city business parks symbolize the attractive culture of living and work in Leipzig. Economic impetus is being created for these business parks through their ongoing renewal. On the other hand, conversion pressure has arisen, especially at the expense of the creative industries, which previously benefited from the abundant availability of space. Especially in the old industrial area of west Leipzig (Plagwitz), this conversion pressure jeopardizes the mix known as 'Leipzig Liberty'. The conditions for innovative urban germ cells are to be preserved through planning law instruments preserving existing structures as well as meetings with owners. Transformation into a location for creative, innovative startups is supported by for instance smart city approaches, such as on the site of the former cotton mill. Urban production in the form of small-scale, individual production (e.g. 3-D printing) and the return of industry (4.0) to the city are also to be encouraged.

## €1bn invested in infrastructure



The City of Leipzig and the direct service organizations plan to invest a record amount in 2018. The focus is on new buildings and extensions for schools and childcare centres as well as investments in the transport and energy infrastructure. For example, a new primary school is being built in the city centre, the public transport company is continuing to invest in new trams, and the Old Town Hall on the market square is being refurbished for around a million euros. All in all, investments this year will total about a billion euros.

### Schools and childcare

The schools network is to be augmented by new schools. The projects planned include a new primary school in central Leipzig on Brüderstrasse and Jablonowskistrasse, a comprehensive school on Ratzelstrasse, and 12 new kindergartens. LESG, a direct service organization responsible for construction and redevelopment, will build new childcare centres on Curiestrasse and Bremer Strasse, while LWB will invest in new kindergartens on the junction of Karl-Jungbluth-Strasse and Watestrasse as well as between Windmühlenstrasse and Brüderstrasse. Total investment in schools and childcare in 2018 will amount to €130 million.

### Roads

This year, the Traffic and Civil Engineering Office is investing a total of €38 million. The main projects are on Georg-Schwarz-Strasse as well as Plagwitz Bridge and on Karl-Heine-Strasse. One important municipal investment is the upgrading of Bornaische Strasse between Wiedebachplatz and Ecksteinstrasse in the district of Connewitz.

### Funkenburg Bridge and the Elster Mill Race

About €1.2 million is being spent on building the new Funkenburg Bridge as well as uncovering the Elster Mill Race.

### City Archive at Alte Messe

The City of Leipzig is also building for internal use. The new City Archive at Alte Messe is due to be completed by early 2019. This investment by development and marketing organization LEVG will total about €22.5 million (including €11.8 million spent in 2018). The new building will also contain offices, including for the Department of Children, Family Services and Education.

### St George's Hospital

The municipal St George's Hospital is investing about €22 million this year, including in the expansion of the maternity centre as well as building a new outpatient department and treatment centre.

### Leipzig Group

Large sums are to be invested by multi-utility Stadtwerke (€62 million) and public transport operator LVB (€66.4 million). Specifically, this year €24.2 million is being invested by Stadtwerke in local combined heat and power plants and renewable energy generation projects, while LVB is spending about €33.7 million on new rails and improving its network.

### Makeover for the Old Town Hall

In April 2018, about 30 years after its last facelift, work began to renovate the façade of the Old Town Hall. In particular, several elements of the magnificent tower built in 1556/57 by architect Hieronymus Lotter ranging from the wooden balustrade to the clock need to be repaired.



Cultural identity is steadily gaining importance in fast-growing, rapidly changing Leipzig. It's bolstered by the city's proud civic heritage and its reputation as the cradle of the Peaceful Revolution. Leipzig has the diversity of a metropolis twice its size. The challenge is now to hone the quality of this offering and to respond appropriately to its increasing diversity. The intellectual freedom enjoyed by Leipzig must be preserved and its cultural profile sharpened.

Source: Integrated Urban Development Concept for Leipzig 2030

## A great place to live!



## Exquisite culture: A magnificent location factor

Quality of life for 600,000 residents and visitors

Word has already got around in Germany and abroad just what a great place Leipzig is to live in. The advantages of this charming city more and more people are choosing to live in range from its electrifying cultural scene to its natural urban landscape. Both the inauguration of Andris Nelsons as the 21st conductor of the Gewandhaus Orchestra and Bundesliga team RB Leipzig's participation in European football competitions have made a splash internationally. It's no wonder that when weighing up the seemingly soft yet extremely important location factors, the quality of life in Leipzig has risen to become one of the four main areas which, according to the Integrated Urban Development Concept, are expected to spur on the city's continuing successful development.

### Culture in Leipzig – with the European Heritage Label

In 2015, the City of Leipzig applied for the European Heritage Label for its Musical Heritage Sites. Ten musical institutions in Leipzig from St Thomas's Church and St Nicholas's Church to Mendelssohn House, Schumann House, the Leipzig Music Trail and the Gewandhaus concert hall jointly featured in the application. The Musical Heritage Sites underline that Leipzig's ascent to a city of commerce, culture and education was more closely linked to its musical life than in almost any other city. For centuries, Leipzig's development into an emancipated city of civic pride has been shaped by its musical institutions and world-famous composers.

The European Heritage Label was awarded to Leipzig's Musical Heritage Sites in 2018, the European Year



### European Year of Cultural Heritage in 2018 strengthens the continent's identity

Europe's cultural heritage forms the core of Europeans' collective memory and identity. At the same time, its cultural heritage is an important economic factor. The European Commission declared 2018 to be the European Year of Cultural Heritage, sharpening both awareness of the continent's shared history and the feeling of a European identity.

of Cultural Heritage. It acknowledges Leipzig as an outstanding city of music and strengthens its international perception.

— [www.leipzig.de/freizeit-kultur-und-tourismus/kunst-und-kultur/musik/bewerbung-europaeisches-kulturerbe-siegel/](http://www.leipzig.de/freizeit-kultur-und-tourismus/kunst-und-kultur/musik/bewerbung-europaeisches-kulturerbe-siegel/)

### Recognition for Leipzig's Musical Heritage Sites

On 13 June 2018, Leipzig's Musical Heritage Sites received the European Heritage Label from Tibor Navracsics (European Commissioner for Education, Culture, Youth and Sport) and Dr Eva Maria Stange (Saxony's Minister of Higher Education, Research and the Arts).



### Open-air classical music

Every year in late July, Rosental Park is transformed into an outdoor stage for a whole weekend when the Gewandhaus Orchestra can be enjoyed in this special atmosphere.





## 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 as only the third non-royal opera house in Europe after Hamburg and Venice.

— [www.oper-leipzig.de](http://www.oper-leipzig.de)

## A sophisticated arts scene

Leipzig, the city of the Peaceful Revolution, is known for its cultural freedom and diversity. Outstanding institutions substantiate the city's claim to be one of Germany's top cultural destinations. Amidst a unique combination of tradition and modernity as well as the determination to actively shape current social and cultural developments, new trends are repeatedly born. Historic

sights, innovative venues and fascinating galleries have given Leipzig an excellent reputation far and wide. And the cultural sector receives generous support. In 2017, public sector subsidies – including cultural space funding from the Saxon government – for the municipal cultural institutions and support for the independent scene totalled about €134 million.

### Gewandhaus Orchestra: Hands across the water

The year 2018 is marked by the 275th anniversary of the first Grosses Concert, the musical society which evolved into the internationally renowned Gewandhaus Orchestra. Under the Gewandhaus's new director of music Andris Nelsons, who was formally inaugurated in March 2018, an extraordinary partnership with the Boston Symphony

Orchestra has begun. The two orchestras' shared history actually dates back to 1881. Under the motto "Two worlds – one music", this bond reinforces cultural relations between the USA and Europe.

— [www.gewandhaus.de](http://www.gewandhaus.de)



#### Highlights until 2020 (selection)

- 2017 — 500th anniversary of the Reformation
- 2018 — 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
- Year of Industrial Culture in Saxony



### Self-image in oils and a thrilling identity

'Arno Rink: I do paint!' is the title of a successful exhibition at the Museum of Fine Arts. Featuring around 60 paintings and 15 large-format drawings, this retrospective presents the artistic cosmos of Arno Rink (1940–2017) with all its historical rifts. Arno Rink is a representative of the second

generation of the Leipzig School and the father of the New Leipzig School. It was thanks to him that the likes of Neo Rauch, Michael Triegel and Christoph Ruckhäberle rose to become great artists.



### Political education benefiting civil society

The VHS Adult Education Centre is breaking new ground in political education work. In March 2018, it founded a Civil Rights Academy. Its aims are to explain the fundamental rights enshrined in the German constitution and to assess society's ability to practise human and civil rights. It takes as its starting point the current process of social change characterized by numerous problems ranging from people living in trying circumstances to educational poverty. Against this background, the Civil Rights Academy explores how knowledge about fundamental rights can

positively influence our civil society. The organizations supporting this venture include the Citizens' Movement Archive, the Stasi Museum, the Saxon State Centre for Political Education, the general studies programme at Leipzig University, the City of Leipzig's Science Council, Leipzig Forum of Contemporary History, and a number of other civil society groups.

— [www.vhs-leipzig.de](http://www.vhs-leipzig.de)



### Special events non-stop

Leipzig has a busy calendar of festivals and special events throughout the year. Things get especially lively in the autumn with for example the Art Film Fair, the Leipzig Jazz Festival, the Lachmesse comedy festival, the Designers' Open and the Grassi Fair, not to mention the euro-scene festival of contemporary dance and the French Film Festival.



### Wave-Gotik-Treffen

The Wave-Gotik-Treffen, a celebration of dark music and arts, has been held every Whitsun in Leipzig since 1992, drawing thousands of fans. Lasting four days, visitors are offered a varied programme ranging from concerts to readings and film screenings.



### Festival of Lights

The 1989 Peaceful Revolution is commemorated every year on 9 October. The main activities are the prayers for peace and the speech on democracy at St Nicholas's Church as well as the Festival of Lights on Augustusplatz.



# Sporting Leipzig: Top of the league



Top-division handball

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



In 2017, the German Indoor Athletics Championships were held for the 64th time – and for the 7th time in Leipzig Arena.

crowds of 45,000 to its league, cup and international matches at the Red Bull Arena near the city centre. The city where the DFB German Football Association was originally founded has finally returned to the top tier of national soccer. Top-level club sport is also regularly enjoyed by spectators at the league and cup fixtures played by the Bundesliga handball team of SC DHfK Leipzig. What's more, many other clubs such as LE Volley, the women of Handball Club Leipzig, and the judoists of JC Leipzig regularly stage thrilling, high-class sporting events for spectators.

### 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 16 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 German Artistic Gymnastics Championships at the end of September 2018.

### 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



## 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 142-metre-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.

### The zoo of the future is becoming reality in Leipzig

This innovative concept in which animal welfare is uniquely combined with extraordinary encounters with wildlife and global commitment to conservation has been implemented since the year 2000. Visions which have become reality there have raised the bar worldwide. On 17 May 2018, Leipzig Zoo celebrated its 140th anniversary by opening the new South America adventure world containing the Pampa, Patagonia and Pantanal habitats for white-nosed coati, guanacos, capybaras, giant anteaters, maned wolves, Patagonian hares, Darwin's rheas and Chacoan peccaries. The gateway to the new zone is formed by the new llama enclosure, which was opened shortly before Christmas 2017 adjacent to the Hacienda Las Casas. The Founders' Garden has also had a makeover, its new budgerigar oasis in the immediate vicinity of the Koala House turning it into another attraction for explorers of all ages – who may even come across the zoo's new mascot Tammi on the way!

— [www.zoo-leipzig.de](http://www.zoo-leipzig.de)



### 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.



## 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.



Das Deutsche Buchgewerbehaus ('German Book Trade House') in Leipzig was once the headquarters of the German Publishers' Association. After its expansion into a trade show building, it was renamed Messehaus Bugra ('Printing and Graphics Exhibition Centre'). Partially destroyed in the Second World War and subsequently only repaired on a makeshift basis, it was completely refurbished between 2015 and 2017 and converted into a residential building.

## 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 annually enables about 500 affordable dwellings to be built. These subsidies are provided for the building, conversion and extension of rent-controlled and occupancy-controlled social accommodation. This funding enables the rent to be subsidized over a period of 15 years by up to €3.50 per square metre every month for eligible tenants.

# Living in Leipzig: Atmosphere, diversity, quality



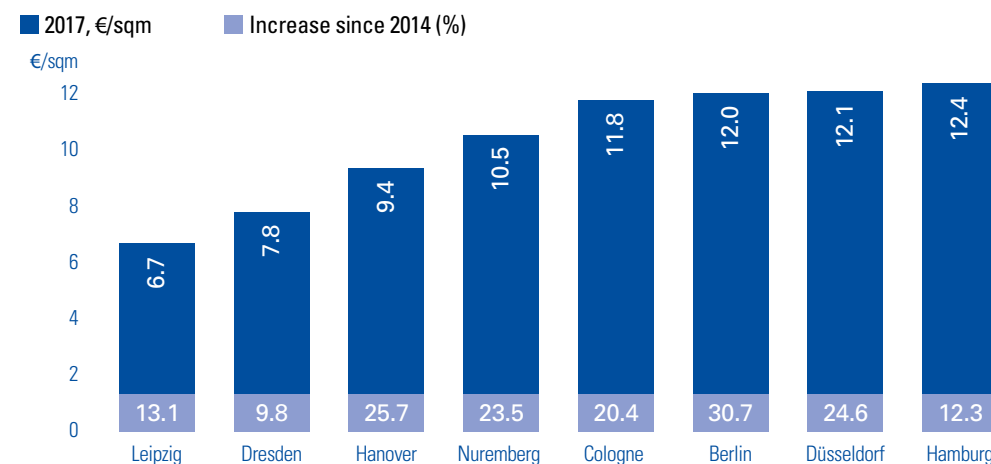
## Dedication to affordable housing

Leipzig is a popular city. The level of market-active vacancies within the stock of 335,062 homes (at the end of 2016) has dropped to less than 2%, largely due to extensive refurbishment activities. Rents are being pushed up by inward migration. Although compared to the rest of Germany, rents are at the lower end of the scale, on average Leipzig households still spend nearly a third of their disposable income on rent. Since 2012, rents excluding heating costs have increased by an average of 5%. However, quoted rents have risen more sharply, increasing by more than 20% between 2012 and 2016.

Demand is especially high for affordable small and large rented accommodation, while good locations have an even bigger impact on rents. The latest rent index gives a detailed reflection of this varied development. The challenge over the next few years is to build more housing. An extensive range of funding programmes and regulations comes into play, the main aim being to keep housing affordable. For example, substantial housing projects with a gross floor area of 5,000 square metres or more must include at least 30% social housing.

— [www.leipzig.de/soziale-wohnraumfoerderung](http://www.leipzig.de/soziale-wohnraumfoerderung)

## Average monthly rent in various cities (excluding newbuild)



© BNP Paribas Real Estate GmbH, source: IDN ImmoDaten GmbH

# A pro-family attitude: Vital for the economy



## Family Friendliness Award

Leipzig is a very 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 feel at home in Leipzig. Every two years, the Chamber of Small Industries and Skilled Trades and the Chamber of Commerce and Industry present special awards to family-friendly employers. In 2017, these awards accompanied by a cheque for €1,000 went to Robert Hauck from bicycle dealer Zweirad-Woj on Könnertitzstrasse as well as EXXETA 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. EXXETA, 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 family services provided externally by pme.

— [www.leipzig.de/familienpreis](http://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 institutions of higher education and universities of applied sciences covering various fields as well as 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 Commerce and Industry or the Chamber of Small Industries and Skilled Trades.

— [www.leipzig.de/jugend-familie-und-soziales/schulen-und-bildung](http://www.leipzig.de/jugend-familie-und-soziales/schulen-und-bildung)



## Award for family-friendly employers

Since 2009, nearly 70 people and initiatives have received the Family Friendliness Award while 12 family-friendly employers have garnered special prizes.



Leipzig has a total of 52,277 places at preschool centres, day nurseries and after-school clubs. They comprise:

- 7,666 places for children aged up to three at crèches
- 19,989 places at nursery schools and preschool centres
- 21,718 places at after-school clubs for primary school children
- 2,904 places with childminders

(Figures correct as of April 2018)

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

— [www.leipzig.de/fib](http://www.leipzig.de/fib)



### Schools in Leipzig

In the 2017/18 academic year, Leipzig had 125 state schools attended by a total of 43,012 pupils, including 810 students at schools run by the regional government (rather than the local authority).

The schools include:

- 66 primary schools
- 25 comprehensive 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 26 independent schools attended by 6,495 pupils, including:

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

– [www.leipzig.de/jugend-familie-und-soziales/schulen-und-bildung/schulen](http://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 which was first awarded in 2013 made up of both the French Baccalauréat and the German Abitur. 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](http://www.reclamgymnasium.de)



### 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 speakers who also run extracurricular 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](http://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 seventh grade, its curriculum includes bilingual modules in which parts of nearly all subjects are taught in English. From sixth grade, children can choose from French, Spanish or Russian as their second foreign language. And in eight grade, students specialize in either languages (including Latin) or the humanities.

– [www.cms.sachsen.schule/gymilgorki/home/](http://www.cms.sachsen.schule/gymilgorki/home/)



## Support for tomorrow's skilled workers

### CCI initiative brings business experience into the classroom

Kindling curiosity and enthusiasm for specific occupations as well as economic decisions and entrepreneurial courage are the aims of the Chamber of Commerce and Industry's initiative Business Goes To School. Business leaders from the Leipzig region visits classes from the seventh to the twelfth grades of comprehensive and grammar schools to tell students about how they got to where they are. This gives school pupils an insight into the opportunities and risks of entrepreneurship. The initiative clearly gained traction in the 2017/18 school year with 50 companies and 20 schools involved.

– [www.leipzig.ihk.de/schule](http://www.leipzig.ihk.de/schule)

### 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 employers. In the first six months of 2018, BFW's 45 further-training and integration courses were attended by 986 participants. BFW employs 248 people.

– [www.bfw-leipzig.de](http://www.bfw-leipzig.de)

### E-commerce becomes a formalized profession

In 2017, a formal traineeship leading to the professional title of 'e-commerce clerk' was launched in Germany. Training in this programme reflects the needs of

companies geared to digital business models. The first intake comprising 15 trainees in the Leipzig region began on 1 August 2018. The three-year training programme is of particular interest to the retail sector.

– [www.leipzig.ihk.de/ecommerce](http://www.leipzig.ihk.de/ecommerce)

### Looking for the Best Ninth Grade Class

The schools' competition 'Best Ninth Grade Class' for comprehensive schools is aimed at pupils taking important decisions for their future occupations. Apart from the average grade from students' February report cards, assessment also takes voluntary activities into account. Rather than looking for pupils with the best marks, the aim is to find classes with the highest levels of team spirit.

– [www.leipzig.ihk.de/besteneunte](http://www.leipzig.ihk.de/besteneunte)



### International interest in the dual system of vocational training

Diplomats from 13 countries including France, China, Russia, Georgia, Vietnam and the United Arab Emirates examined aspects of the dual system of vocational training at a conference held during the skilled trades exhibition 'mitteldeutsche handwerksmesse'.



### Welcome Guide paves the way for employment integration

Since August 2016, CCI Welcome Guide Josephine Meister has helped interested employers fill vacancies with refugees and advised them on aspects of workplace integration. In 2017, 79 apprentices from the eight countries which are the main sources of refugees (Syria, Iraq, Afghanistan, Eritrea, Iran, Nigeria, Somalia and Pakistan) were in vocational training in Leipzig, more than three times as many as in 2016 (26). The number of refugees taking basic training has also risen sharply. In 2017, there were 73 'apprentices on probation' preparing for subsequent vocational training.

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BESETZUNG**  
WILLKOMMENSLÖTSEN

Gefördert durch:



aufgrund eines Beschlusses  
des Deutschen Bundestages



More than ever before, Leipzig's institutions of higher education and research centres constitute a central factor of integrated urban development. Moreover, the dynamics of change in our city influence the development opportunities of our sciences.

Source: Integrated Urban Development Concept for Leipzig 2030

## High academic standards



## 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.

### Meilensteine Wissenschaft

- 2018** — IFU Institute for Family Businesses and Business Succession founded at HHL
- Leibniz Institute for Jewish History and Culture – joins the Leibniz Association with effect from 1 January
- Helmholtz Institute for Metabolic, Adiposity and Vascular Research (HI-MAG) founded
- Centre of Excellence for Adiposity Research founded
- 175th anniversary of the University of Music and Theatre Felix Mendelssohn Bartholdy
- Construction work begins on a new research building for the iDiv German Centre of Integrative Biodiversity Research Halle–Jena–Leipzig
- Leipzig Science Network founded to improve strategic cooperation in the city's science sector
- 2017** — The newly founded CRIFC Centre for Research in Financial Communication starts work at Leipzig University
- Cooperation agreement signed between HTWK Leipzig University of Applied Sciences and the City of Leipzig
- Leipzig universities, colleges and research institutes support the 'March of Science' for academic freedom with a joint declaration
- The DFG German Research Foundation grants funding of €10 million for the third funding period of the postgraduate research unit Transregio 67 'Functional Biomaterials for the Control of Healing Processes in Bone and Skin Tissue'
- UZVF University Centre for Care Research at the Faculty of Medicine (founded on 21 June 2016) opened
- Faculty of Biosciences, Pharmacy and Psychology of Leipzig University renamed Faculty of Life Sciences to reflect its changed emphasis; Institute of Pharmacy joins the Faculty of Medicine
- A Bertolt Brecht Guest Professorship is created for the first time at the Centre of Competence for Theatre (joint project by Leipzig University and the City of Leipzig)
- Leipzig School of Design is renamed Vitruvius College of Design
- The Paulinum (assembly hall and St Paul's University Church) is officially opened
- The DFG German Research Foundation awards Professor László Székelyhidi at the Institute of Mathematics the 2018 Leibniz Prize accompanied by a cheque for €2.5 million for his important research findings in the theory of partial differential equations
- SRH Fernhochschule – The Mobile University opens a study centre in Leipzig
- Library of the University of Music and Theatre Felix Mendelssohn Bartholdy receives the Saxon Library Award
- Professor Martin Schmeding from the University of Music and Theatre Felix Mendelssohn Bartholdy (organ, Church Music Institute) declared 2017 Professor of the Year out of 2,200 lecturers throughout Germany by Bochum foundation UNICUM Stiftung gGmbH
- HHL Leipzig Graduate School of Management opens branch in Munich
- 2017** — 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 German Biomass Research Centre: 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
- Funding extended for the DFG collaborative research projects 'Mechanisms of Adiposity' and 'Functional Biomaterials for the Control of Healing Processes in Bone and Skin Tissue'
- 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 German Biomass Research Centre: Foundation stone laid for new complex including pilot plant, laboratories, offices and seminar rooms
- HTWK Leipzig University of Applied Sciences: 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

### Contact

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In 2017, over 30,000 students were 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 around 4,000 people, including about 2,500 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](http://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](http://www.hhl.de)

University of Music and Theatre Felix Mendelssohn Bartholdy Leipzig turns 175

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](http://www.hmt-leipzig.de)



Saxon University of Cooperative Education: Dual brilliance

In 2018, the Saxon University of Cooperative Education looks back on a quarter of a century of successful work in Leipzig's higher education sector. Currently 570 students are enrolled on dual degree courses in one of six disciplines combining theory with practical training on regular internships. Courses are taught in the areas of asset management with real estate economics, banking, management control and tax consulting/auditing as well as service engineering and computer science.

[www.ba-leipzig.de](http://www.ba-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](http://www.fom.de)

Leipzig School of Media: Shaping the digital media change

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, HTWK Leipzig University of Applied Sciences and Fresenius onlineplus – four master's programmes in new media journalism, corporate media, cross-media management and online 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](http://www.leipzigschoolofmedia.de)

HGB Academy of Fine Arts

The HGB Academy of Fine Arts is one of the oldest and most prestigious art schools in Germany. The study conditions are outstanding thanks to small groups and superb facilities. Currently some 600 students are enrolled on HGB's four degree programmes in painting/graphics, book art/graphic design, photography and media art. Artistic yet practical study is complemented by a wide range of theoretical classes. HGB also offers a graduate programme for master students and a master's course in curation culture.

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



Every year, the some 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 Handel's opera 'Giulio Cesare in Egitto'.

Vitruvius College of Design

Vitruvius College in Leipzig is a young, ambitious, privately-funded institution of higher education. One of Vitruvius's main aims is the interdisciplinary integration of the areas of design, management and computer science including research and development. Students and also external partners benefit from the interdisciplinary transfer of knowledge and creativity. Vitruvius attaches special importance to intensive assistance and advice for students throughout their studies. This is reflected in versatile, individual support as well as small study groups.

[www.vitruvius-hochschule.de](http://www.vitruvius-hochschule.de)

SRH Fernhochschule – The Mobile University

In November 2017, the state-approved SRH Fernhochschule – The Mobile University opened a study centre in the Messehof arcade in Leipzig. As a quality leader in distance learning, for more than 20 years it has delivered flexible, individualized part-time degrees. The personal support in connection with numerous mobile-learning-elements such as SRH's innovative online campus as well as optional yet invaluable attendance phases allow people to study when and where it's convenient for them, regardless of their circumstances. SRH teaches 25 bachelor's and master's degree programmes and awards university certificates in the fields of business & management, psychology and health, and science and technology.



## Germany's top research award goes to Leipzig

The DFG German Research Foundation awarded the 2018 Leibniz Prize to Professor László Székelyhidi, professor of applied mathematics at Leipzig University. He received the award accompanied by a cheque for €2.5 million for his significant research findings in the theory of partial differential equations. "It's a great honour for me," he said. "This award recognizes my previous research while the anticipation associated with it will spur me on in the future." Professor Székelyhidi has taught and conducted research at Leipzig University since 2011.



## 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, 9 collaborative research projects, 2 postgraduate research units, 2 DFG Priority Programmes and 7 DFG research groups as well as a ZIK Centre of Innovation Competence funded by the BMBF German Ministry of Education and Research. The some 700 joint projects conducted with industry are especially important. 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.

In 2017, 3,482 research projects received external funding totalling €118 million, 8% of which came from the private sector.



UNIVERSITÄT  
LEIPZIG

- > BBZ Centre for Biotechnology and Biomedicine
- > Centre for Area Studies
- > Centre for Higher Education Didactics
- > Innovation Centre of Computer Assisted Surgery
- > Integrated Research and Treatment Centre Adiposity Diseases
- > Interdisciplinary Centre of Bioautomation
- > Centre of Excellence for Adiposity
- > Centre of Excellence for Right-Wing Extremism and Democracy Research
- > LIFE – Leipzig Research Centre for Civilization Diseases
- > Saxon Incubator for Clinical Translation
- > Centre for Women's and Gender Studies
- > Clinical Trial Centre Leipzig
- > Centre for Teacher Training and School Research
- > Magnetic Resonance Centre



- > IZI Fraunhofer Institute for Cell Therapy and Immunology
- > IMW Fraunhofer Centre for International Management and Knowledge Economy



- > UFZ Helmholtz Centre for Environmental Research
- > HI-MAG Helmholtz Institute for Metabolic, Adiposity and Vascular Research



- > HHL Leipzig Graduate School of Management



- > HTWK Leipzig University of Applied Sciences
- > Research and Transfer Centre of HTWK Leipzig



- > GWZ Leibniz Institute for the History and Culture of Eastern Europe
- > Leibniz Institute of Geography
- > Leibniz Institute for Surface Modification
- > Leibniz Institute of Troposphere Research
- > Institute for Jewish History and Culture – Simon Dubnow



- > Max Planck Institute of Evolutionary Anthropology
- > Max Planck Institute for Human Cognitive and Brain Sciences
- > Max Planck Institute for Mathematics in the Sciences

- Other institutions of higher education:
- > Saxon University of Cooperative Education
  - > University of Applied Sciences for Telecommunications
  - > FOM College of Business and Management
  - > HGB Academy of Fine Arts
  - > University of Music and Theatre
  - > Leipzig School of Media
  - > Vitruvius College of Design

- Other research institutes:
- > DBFZ German Biomass Research Centre
  - > iDiv German Centre of Integrative Biodiversity Research
  - > KUZ Leipzig Plastics Centre
  - > Institute of Energy and the Environment
  - > Saxon Academy of Sciences in Leipzig

## UFZ develops efficient strategies for the recovery of raw materials

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 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. For example, UFZ has developed and applied for a patent for a decentralized, bio-based process for the low-emission recovery and disposal of phosphorus from sewage sludge.



Under a project funded by the German Environmental Foundation, UFZ is collaborating with partners from the region to optimize the process regarding phosphorus recycling and product quality for direct use as fertilizer.

## 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 bio-based economy – and to safeguard the outstanding position of Germany industry in this sector.

— [www.dbfz.de](http://www.dbfz.de)

## Centre serving biodiversity

iDiv is the youngest research centre to be set up with the backing of the DFG German Research Foundation, and has more than 300 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: 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 nearly 50 PhD students currently being trained at the yDiv Postgraduate Research Unit.

— [www.idiv.de](http://www.idiv.de)

The UFZ Helmholtz Centre for Environmental Research was opened in 1991. It currently employs over 1,060 people from more than 40 countries at its sites in Leipzig, Halle and Magdeburg. At any one time, about 300 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). Moreover, there were 61 trainees at UFZ on various career development programmes and cooperative education courses (figures correct as of September 2017).



Under the title 'Smart Bioenergy – Innovations for a Sustainable Future', biomass research is conducted at the DBFZ German Biomass Research Centre in a large number of laboratories, test facilities and pilot plants.



Scientists from iDiv explore large-scale and small-scale biodiversity.



## 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 the information theory of cognitive systems.

— [www.mis.mpg.de](http://www.mis.mpg.de)



## Max Planck Institute for Evolutionary Anthropology

Founded in 1997, the institute's aim is to investigate the history of mankind 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](http://www.eva.mpg.de)



## 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. Its researchers also investigate 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](http://www.cbs.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.

## 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](http://www.izi.fraunhofer.de)



IZI employs almost 390 people in Leipzig and another 200 at its branches in Potsdam, Halle and Rostock.

## KUZ Leipzig Plastics Centre

KUZ is a competent technology partner conducting practical R&D activities. It works in the areas of plastics processing, tool engineering and plastic welding, the testing of materials and plastic products in its accredited test laboratory, and related further training. In addition to current research into miniaturization and precision, surface optimization and customization, functionalization and sustainability, it also focuses on lightweight construction. Smart lightweight construction is an important way to achieve material efficiency and conserve natural resources. In addition to lighter materials, this also includes the integration of functions as well as load- and material-compatible design. Based on the technology of thermoplastic foam injection moulding, the newly



established ZIM cooperation network Foam + Function develops cutting-edge solutions leading to sustainable products.

— [www.kuz-leipzig.de](http://www.kuz-leipzig.de)

## IMW Fraunhofer Centre for International Management and Knowledge Economy

IMW looks back on more than a decade of applied socio-economic research in Leipzig. Around 170 scholars from 20 countries help clients and partners from business, industry, politics, research and society to benefit from globalization and digitization as drivers of innovation. Interdisciplinary research teams develop strategies, structures, processes and instruments for:

— Knowledge and technology transfer between organizations

— The translation of knowledge into innovation and in order to understand and shape the associated framework conditions

Originally founded in 2006 as the MOEZ Fraunhofer Centre for Central and Eastern Europe, its new areas of focus are reflected in its new name: IMW Fraunhofer Centre for International Management and Knowledge Economy. The institute is DIN EN ISO 9001:2015 DNV-GL certified.

— [www.imw.fraunhofer.de](http://www.imw.fraunhofer.de)





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/)

## Leibniz Institute for Jewish History and Culture – Simon Dubnow

The Dubnow Institute is an interdisciplinary institute for the study of Jewish life in Central and Eastern Europe from the Middle Ages to the present day. Research is geared towards a pan-European perspective and includes areas of the Jewish diaspora, especially Israel and America. Jewish history is always viewed at the Dubnow Institute

in the context of its non-Jewish environment and as a seismograph of general historical developments. The institute currently has 25 employees.

[— www.dubnow.de](https://www.dubnow.de)



The IOM has state-of-the-art facilities which it makes available to commercial companies and other research institutes in order to tackle scientific and technological matters. The Hertz application laboratory includes accelerator infrastructure for both basic and industry-related materials science projects. Its centrepiece is a 10 MeV electron accelerator used for material modification and the production of new materials for high-tech applications.

## 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. In addition to its outstanding basic research, IOM's main goal is to enable industry to quickly and sustainability 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](https://www.iom-leipzig.de)

## TROPOS Leibniz Institute for Tropospheric Research

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 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](https://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](https://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](https://www.zks.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.

## 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](https://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 different 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 used 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](https://www.bbz.uni-leipzig.de)



Super-resolution microscopy: Neurons from a spinal cord.

## Leipzig Research Centre for Civilization Diseases and the SMITH Consortium

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 is being collected and made available for research purposes. Two new surveys are currently being carried out in LIFE's Adult Outpatient Centre: the NAKO Health Study 2018–2022 is entering its second round, while at the same time about 2,700 participants of the LIFE Adult Study will be invited back for another medical examination by 2020. The LIFE Child Cohort is successfully continuing its work. In structural terms, the LIFE office in the LIFE Research Centre has been replaced by the Management Cluster, which centrally organizes and coordinates LIFE as well as other major projects of the Medical Faculty. The LIFE

Management Cluster's work is currently focusing on setting up the management team for the project SMITH Smart Medical Information Technology for Healthcare funded by the BMBF German Ministry of Education and Research's Medical Informatics Initiative. The aim of this project is to develop innovative structures for cross-institutional networking and the exchange of research and care data between university hospitals as well as outside the consortium. The consortium consists of seven university hospitals where data integration centres are being set up and three universities (Aachen, Jena and Leipzig) as well as eight German companies and research institutes.

[— www.life.uni-leipzig.de](https://www.life.uni-leipzig.de)



1. Population

Population 2014–16				
	2014	2015	2016	2017 <sup>1</sup>
City of Leipzig	544,479	560,472	571,088	578,834
District of Greater Leipzig	257,647	258,408	258,333	258,193
District of North Saxony	197,042	197,605	198,063	197,981
Saxony	4,055,274	4,084,851	4,081,783	4,079,700
<sup>1</sup> September Source: Saxon Department of Statistics; figures correct at 31 December of each year; data from 2011 onwards based on 2011 census				

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 contributions by place of employment				
	2014 <sup>1</sup>	2015 <sup>1</sup>	2016 <sup>1</sup>	2017 <sup>1</sup>
Employees in the City of Leipzig	246,647	253,463	261,137	267,823
Employees in the District of Greater Leipzig	73,690	74,420	76,016	77,295
Employees in the District of North Saxony	69,298	70,536	71,635	73,127
<b>Total no. of employees subject to social security contributions</b>	<b>389,635</b>	<b>398,419</b>	<b>408,788</b>	<b>418,245</b>
Of whom in following segments (WZ 2008)				
Agriculture, forestry and fishing	4,129	4,062	3,910	3,948
Mining, energy and water supply, energy sector	8,685	8,885	8,641	8,707
Manufacturing industry	50,675	51,364	51,871	52,392
Construction	24,332	24,865	25,290	25,875
Sale, servicing and repair of motor vehicles	51,068	51,774	52,832	53,358
Transport and storage	27,834	30,068	31,099	32,444
Hospitality sector	12,005	13,254	13,836	14,487
Information and communication	15,094	15,363	16,794	17,571
Finance and insurance	9,196	9,098	9,028	8,805
Real estate, freelance scientific and technical services	29,129	29,958	30,535	31,573
Other business services	44,134	43,589	44,709	45,947
Public administration and defence, social security/extraterritorial organizations and institutions	20,820	20,841	21,372	21,365
Childcare and teaching	21,684	21,603	22,608	23,377
Healthcare and social services	56,215	58,188	60,410	62,457
Other service activities, private households	14,634	15,505	15,853	15,939
Sources: German Employment Agency, Saxon Department of Statistics; figures correct as of each December <sup>1</sup> Due to a retroactive revision of employment statistics in August 2014, this data differs from previously published data.				

Unemployment							
	Unemployment (German Social Code II+III)				Unemployment rate (%)		
	Change on previous year				Change on previous year		
	2016	2017	2018	(%)	2016	2017	2018 (%-Punkte)
City of Leipzig	26,209	23,386	20,591	−12.0	8.9	7.8	6.7
District of Greater Leipzig	8,680	7,926	7,135	−10.0	6.4	5.9	5.3
District of North Saxony	8,701	8,135	7,373	−9.4	8.1	7.7	6.9
Saxony							−0.8
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 <sup>1</sup>	1409	51	75	3	Yes	4,009	2,466	30,226
HTWK Leipzig University of Applied Sciences	1992	22	21	0	Yes <sup>5</sup>	613	328	6,111
Felix Mendelssohn Bartholdy University of Music and Theatre	1843	17	39	0 <sup>2</sup>	Yes	185	130 <sup>4</sup>	1,194
HGB Academy of Fine Arts	1764	0	1	4	Yes	104	61	562
Saxon University of Cooperative Education	1993	6	0	0	No	30	18	570
HHL Leipzig Graduate School of Management	1898	0	6	0	Yes	141	76	750
FOM College of Business and Management (private part-time college) <sup>6</sup>	1993	5	6	0	Yes <sup>5</sup>	50	40	400
Leipzig School of Media	2008	0	4	0	No	8	1 <sup>3</sup>	90
Vitruvius College of Design	2013	5	0	0	No	20	10	180

<sup>1</sup> Also 9 programmes leading to the State Examination and 14 further training programmes. <sup>2</sup> 6 state exam programmes and 5 masterclass programmes.  
<sup>3</sup> In addition, about 110 guest lecturers (renowned scholars and professionals from the realms of journalism, marketing, corporate communications and public relations).  
<sup>4</sup> In addition, about 360 non-permanent lecturers. <sup>5</sup> In conjunction with university partners. <sup>6</sup> 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 2018

Apprentices in industry and commerce Apprenticeships at 31 December 2017		
Occupational group	Total	Female
Industrial and technical	2,803	326
<b>Including:</b>		
Metalworking	1,349	114
Electrical engineering	673	47
Construction, mining, quarrying	303	6
Chemistry, physics, biology	126	45
Wood	50	1
Paper, printing	191	78
Leather, textiles, clothing	1	1
Food and tobacco	47	23
Glass, ceramics, jewellery	33	3
Special industrial occupations	30	8

Commercial and business	4,431	2,164
<b>Including:</b>		
Industry	180	99
Commerce	1,230	683
Banking	151	71
Insurance	113	50
Hospitality	636	285
Transport	488	219
Others	1,469	689
Special commercial occupations	164	68
<b>Total apprenticeships</b>	<b>7,234</b>	<b>2,490</b>

Source: Leipzig Chamber of Commerce and Industry, 31 December 2017

Apprentices in small industries and skilled trades Apprenticeships at 31 December 2017		
Occupational group	Total	Female
Construction/finishing	345	30
Electrical, metalwork	1,474	35
Woodwork	110	12
Clothing, textiles, leather	29	19
Food	100	48
Healthcare and personal hygiene, cleaning (incl. dry cleaning)	479	314
Glass, paper, ceramics, etc.	69	34
Commercial professions	282	207
Other professions requiring training	184	24
Training for the disabled	133	13
<b>Total</b>	<b>3,219</b>	<b>739</b>

New apprenticeships for 2016/17 by district	
City of Leipzig	740
District of Greater Leipzig	416
District of North Saxony	248
Total	1,404

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



4. Private sector

Size of companies by workforce								
2014		2015		2016		2017		
	No.	%	No.	%	No.	%	No.	%
Total businesses¹	25,348	100.0	25,184	100.0	25,462	100.0	26,134	100.0
Of which:								
Up to 9 employees	22,280	87.9	22,039	87.5	22,117	86.9	22,714	86.9
10–49 employees	2,360	9.3	2,432	9.7	2,583	10.1	2,604	10.0
50–249 employees	611	2.4	603	2.4	637	2.5	684	2.6
250+ employees	97	0.4	110	0.4	125	0.5	132	0.5
¹ Businesses and single-location businesses with employees subject to social security contributions in the year under review and single-location businesses with no employees subject to social security contributions but with taxable revenue from products and services in the year under review in Sections B–N and P–S of WZ 2008 Source: Saxon Department of Statistics								

No. of enterprises and facilities in area covered by Leipzig Chamber of Commerce and Industry					
	2013	2014	2015	2016	2017¹
CCI companies in the City of Leipzig	42,730	42,692	43,688	44,197	43,801
CCI companies in the District of Greater Leipzig	15,772	15,638	15,450	15,264	14,893
CCI companies in the District of North Saxony	11,966	11,773	11,715	11,514	11,211
<b>Total</b>	<b>70,468</b>	<b>70,103</b>	<b>70,853</b>	<b>70,975</b>	<b>69,905</b>
Of which in the following segments (WZ 2008):					
Agriculture, forestry and fishing	498	494	491	491	497
Mining and quarrying of minerals	54	53	55	57	57
Manufacturing industry	2,188	2,264	2,282	2,315	2,301
Energy supply	1,988	2,029	2,054	2,092	2,159
Water supply, sewage and waste disposal, environmental clean-up	334	329	327	324	316
Construction	3,921	3,795	3,740	3,617	3,590
Sale, servicing and repair of motor vehicles	15,600	15,128	15,075	14,918	14,443
Transport and storage	2,447	2,391	2,362	2,327	2,275
Hospitality	4,138	3,493	3,589	3,620	3,605
Information and communication	3,478	3,517	3,628	3,787	3,813
Finance and insurance	4,165	4,059	4,016	3,963	3,790
Real estate and housing	3,077	3,196	3,311	3,394	3,436
Freelance, scientific, technical and other economic services	12,080	12,174	12,462	12,580	12,357
Other scientific services	9,862	9,884	9,860	9,687	9,490
Public administration and defence	2	1	0	0	0
Childcare and teaching	825	918	984	1,051	1,107
Healthcare and social services	1,018	1,045	1,114	1,129	1,148
Arts, entertainment and recreation	1,691	1,769	1,910	1,995	2,017
Other service activities	3,102	3,563	3,593	3,628	3,504
Private households with domestic personnel	–	1	–	0	0
Source: Leipzig Chamber of Commerce and Industry, 2018; companies registered at December 2017 (forward projection) ¹ Decline of active CCI companies mainly due to revision among small businesses					

No. of businesses in Leipzig Chamber of Small Industries and Skilled Trades					
	2013	2014	2015	2016	2017
No. of firms in the City of Leipzig	5,256	5,192	5,165	5,124	5,149
No. of firms in the District of Greater Leipzig	3,936	3,958	3,919	3,869	3,784
No. of firms in the District of North Saxony	3,025	2,995	2,960	2,875	2,828
<b>Total no. of firms</b>	<b>12,217</b>	<b>12,145</b>	<b>12,044</b>	<b>11,868</b>	<b>11,761</b>
Segments:					
Construction and finishing	3,704	3,633	3,562	3,449	3,375
Electrical/metalworking	3,659	3,627	3,568	3,508	3,434
Wood and wood products	1,128	1,126	1,118	1,084	1,062
Clothing/textiles	635	663	648	626	652
Food	347	332	326	321	326
Health/cleaning	2,180	2,190	2,220	2,249	2,275
Glass/paper/ceramics	564	570	602	631	637
Source: Leipzig Chamber of Small Industries and Skilled Trades					

Business registrations				
	2014	2015	2016	2017
<b>Total registrations</b>	<b>5,695</b>	<b>5,881</b>	<b>5,762</b>	<b>5,409</b>
Of which:				
Start-ups	5,072	5,239	5,150	4,811
Moving to Leipzig	494	505	486	483
Takeovers	129	137	126	115
<b>Total closures</b>	<b>4,974</b>	<b>5,033</b>	<b>4,866</b>	<b>4,903</b>
Of which:				
Cessations	4,269	4,321	4,135	4,230
Moving away from Leipzig	484	506	495	452
Handovers	221	206	236	221
Source: Saxon Department of Statistics				

Clusters at a glance						
	2015		2016		2017	
	Businesses	Employees	Businesses	Employees	Businesses	Employees
<b>Automotive &amp; Suppliers</b>	<b>760</b>	<b>14,447</b>	<b>771</b>	<b>18,323</b>	<b>774</b>	<b>18,407</b>
<b>Energy &amp; Environment</b>	<b>1,328</b>	<b>11,952</b>	<b>1,318</b>	<b>12,013</b>	<b>1,327</b>	<b>12,069</b>
Energy	317	4,021	321	4,009	329	3,962
Environmental engineering	1,011	7,932	997	8,005	998	8,108
<b>Healthcare &amp; Biotech</b>	<b>2,432</b>	<b>38,629</b>	<b>2,472</b>	<b>42,438</b>	<b>2,553</b>	<b>42,697</b>
<b>Logistics</b>	<b>1,673</b>	<b>33,213</b>	<b>1,507</b>	<b>36,492</b>	<b>1,544</b>	<b>37,832</b>
Freight logistics	1,412	28,896	1,237	32,398	1,269	33,744
Passenger logistics	261	4,317	270	4,094	275	4,088
<b>Media &amp; Creativity</b>	<b>4,299</b>	<b>28,504</b>	<b>4,622</b>	<b>30,882</b>	<b>4,810</b>	<b>32,615</b>
Information and communications technology	989	10,998	1,071	12,014	1,131	12,958
Printing and publishing	522	2,416	561	2,475	579	2,489
Broadcasting and film	238	3,533	229	3,302	241	3,824
Arts and music	777	3,184	863	3,254	911	3,360
Advertising and PR	600	1,642	632	1,399	620	1,453
Architecture and design	455	517	529	760	572	920
Trade shows and services	719	7,213	737	7,677	756	7,611
Businesses and single-location businesses with employees subject to social security contributions two years prior to the year under review and single-location businesses with no employees subject to social security contributions 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	2014	2015	2016	2017
Businesses¹	Qty.	67	66	71	70
Employees²	Qty.	17,148	18,415	19,300	19,868
Total turnover	€'000	7,539,211	9,516,187	9,541,447	9,531,284
Export share³	%	60.9	58.6	52.6	52.0
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				
	2014	2015	2016	2017
Total businesses¹	165	165	164	166
Of which:				
Under 50 employees	98	96	92	97
50–99 employees	27	31	34	33
100–249 employees	24	24	25	25
250–499 employees	12	10	9	9
500+ employees	4	4	4	4
¹ Firms with 20+ employees. Source: Saxon Department of Statistics				

Planning permission and building completions				
	2014	2015	2016	2017
Total buildings (planning permission)	1,080	902	1,096	1,052
Total buildings (completions)	889	883	899	907
Source: Saxon Department of Statistics				



Construction industry					
	Unit	2014	2015	2016	2017
Businesses at the end of June	Qty.	466	442	516	534
Employees at the end of June	People	4,647	4,654	5,265	5,633
Gross total wages in June	€'000	10,596	11,347	13,280	14,659
Hours worked in June	'000 hours	491	521	573	575
Total turnover in June	€'000	46,248	44,757	57,779	61,288
Per employee	€	9,952	9,617	10,974	10,880
Total annual turnover	€'000	550,143	542,366	648,431	723,724
Per employee	€	118,387	116,538	123,159	128,479

Source: Saxon Department of Statistics

Finishing trade					
	Unit	2014	2015	2016	2017
Businesses at the end of Q2	Qty.	143	154	159	171
Employees at the end of Q2	People	3,530	3,782	3,914	4,208
Gross total wages in Q2	€'000	24,251	26,055	28,140	31,424
Hours worked in Q2	'000 hours	1,122	1,206	1,288	1,369
Turnover in Q2	€'000	97,520	99,530	111,320	116,486
Annual turnover	€'000	393,702	425,607	421,406	460,816

Source: Saxon Department of Statistics; figures correct as of 30 June each year

Trade shows and conventions					
	2014	2015	2016	2017	
Trade shows and exhibitions	36	36	35	32	
Conventions	88	142	195	178	
Events	33	42	48	64	
Exhibitors	9,827	11,293	9,527	15,547	
Total visitors (all events)	1,242,306	1,123,335	1,192,930	1,239,101	
Gross exhibition space in sqm	111,300	111,900	111,900	111,900	
Outdoor exhibition space in sqm	70,000	70,000	70,000	70,000	
Turnover in €m	77.0	79.9	97.3	87.1	

Source: Leipziger Messe GmbH

Hospitality sector			
	Businesses in 2017	Employees in 2017	Turnover in 2015
Hospitality (total businesses)	2,108	10,417	€440.9m
Of which:			
Accommodation	230	X	X
Cafés, bars and restaurants	1,878	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	2014	2015	2016	2017
Total businesses	114	120	122	128
Total beds	14,591	15,230	15,185	16,422
Average occupancy of beds available (%)	50.8%	51.1%	51.3%	54.1%

Source: Saxon Department of Statistics; figures correct as of 31 July each year

Arrivals and overnight stays				
	2014	2015	2016	2017
Arrivals	1,510,374	1,535,955	1,572,073	1,708,913
Overnight stays	2,764,851	2,829,824	2,899,393	3,171,353
Average stay in days	1.8	1.8	1.8	1.9

Source: Saxon Department of Statistics

Trade and commerce			
	Businesses in 2017	Employees in 2017	Turnover in 2015
Trade and commerce (total)	7,920	30,198	€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 2017	Employees in 2017	Total turnover in 2015
Financial and insurance services (total) <sup>1</sup>	2,149	7,295	€278,598,000
Of which: Financial services <sup>2</sup>	386	X	X
Insurance, reinsurance and pension funds <sup>3</sup>	41	X	X
Brokerage of financial services/investment consultants	223	X	X
Insurance brokers/agents	1,259	X	X

<sup>1</sup> 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  
<sup>2</sup> 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  
<sup>3</sup> 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			
	City of Leipzig		
	2014	2015	2016
GDP	18,539	19,294	19,872
Per head	34,458	34,922	35,123
Per person in work	57,443	59,933	60,453
GVA at manufacturing prices	16,689	17,370	17,899
Of which:			
Agriculture, forestry and fishing	9	6	7
Manufacturing industry	3,475	3,639	3,762
Of which:			
Processing industry	2,266	2,373	2,408
Construction	754	850	909
Service sector	13,206	13,726	14,131
Of which:			
Commerce, transportation and warehousing, hospitality, information and communication	3,896	4,214	4,171
Finance, insurance and business services, real estate activities	4,665	4,712	4,865
Public and other service providers, education and health, private households with employed persons	4,645	4,800	5,096

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, 1992, 1994–2014, Series 2, Volume 1, Frankfurt am Main

VAT registered entrepreneurs and their trade receivables					
	2012	2013	2014	2015	2016
Enterprises liable to VAT	18,902	19,025	19,350	19,575	19,960
Taxable transactions, total (€'000)	19,981,062	21,434,473	21,234,233	22,030,934	21,337,681
Of which:					
On trade receivables (€'000)	19,576,446	21,008,065	20,776,314	21,582,877	20,854,327
VAT before deduction of input tax (€'000)	8,549,748	9,934,333	9,742,710	11,127,460	10,710,951
Deductible input tax (€'000)	7,832,181	9,113,582	8,843,721	10,186,581	9,725,706
Advance VAT payments (€'000)	717,223	820,808	898,879	940,881	985,148

Source: Saxon Department of Statistics

Income				
	2015	2016	2017	2018
Average monthly net income (€)	1,169	1,225		
Purchasing power (€m)	10,190 <sup>1</sup>	10,569	10,982 <sup>1</sup>	11,671 <sup>1</sup>

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



Tax revenue of the City of Leipzig (€m)				
Tax type	2014 (provisional)	2015 (provisional)	2016 (provisional)	2016 (provisional)
Property tax A	0.24	0.24	0.24	0.24
Property tax B	92.13	92.55	95.23	94.05
Gross trade tax	280.86	234.58	312.78	289.83
Local authority share of income tax revenue	120.96	140.03	149.81	157.26
Local authority share of VAT	32.28	36.18	37.28	46.43
Entertainment tax	7.75	6.58	6.21	5.46
Dog tax	1.71	1.78	1.85	0.86
Second-home tax	0.62	0.63	0.72	0.86
Tax revenue (gross)	536.54	512.57	604.11	596.03
Trade tax levy	−20.66	−18.46	−22.42	−22.09
Total tax revenue (net)	515.89	494.11	581.69	573.95
Sources: City of Leipzig, Leipzig City Treasurer's Office, correct as of 15 August 2018				

Level of debt, borrowing and debt servicing				
	Einheit	2015 <sup>1</sup>	2016	2017 <sup>2</sup>
Level of debt at the end of the year	€'000	686,274	626,174	580,188
Inhabitants	Persons	560,472	571,088	578,004
Per capita debt	€	1,224	1,096	1,004
Borrowing	€'000	70,300	0	5,506
Debt servicing				
Repayment	€'000	53,492	60,100	51,492
Interest	€'000	11,257	11,045	9,502
<sup>1</sup> Includes restructuring of €58.5m from premature termination of CBL transaction for KWL's drinking water networks				
<sup>2</sup> Population still as of 30 September 2017 as no further announcement by the Saxon Department of Statistics				

Tax assessment rates in Leipzig				
	2014	2015	2016	2017
Property tax A	350%	350%	350%	350%
Property tax A	650%	650%	650%	650%
Trade tax	460%	460%	460%	460%
Quelle: Stadt Leipzig, Stadtkämmerei.				

6. Public procurement by the City of Leipzig in 2017

Works and service contracts awarded by contractor's location				
	Amount	%	No. of contracts	%
Metropolitan Region of Central Germany and District of North Saxony	49,095.57	70.51	103.00	68.67
Leipzig region	34,598.18	49.69	84.00	56.00
Rest of Germany	20,534.79	29.49	47.00	31.33
Total	69,630.36	100.00	150.00	100.00
Source: City of Leipzig				

Building contracts awarded by contractor's location				
	Amount	%	No. of contracts	%
Saxony	79,968	79	635	78
Leipzig region	65,863	65	505	62
City of Leipzig	21,237	21	208	26
Metropolitan Region of Central Germany and District of North Saxony	78,660	78	587	72
Rest of Germany	21,450	21	175	22
Total	101,418	100	810	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
Amazon	Logistics	USA	2,000 employees, invested €1.2m in 2016 and over €5m in 2018
AMTES Aircraft Maintenance and Engineering Service	Logistics	Russia	Maintenance for Boeing and Antonov
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
c-LEcta GmbH	Biotech	Leipzig	Enzymes and microorganisms for industrial applications
COMPAREX	IT	Leipzig	About 500 employees in Leipzig, about 2,500 worldwide
DAVASO GmbH	Services	Leipzig	1,300 employees, leading technology and service provider for statutory health insurance companies
Deutsche Telekom AG	IT	Germany	About 1,500 employees in Leipzig
DHL	Logistics	Germany	5,700 employees, total investment since 2008: €655m
EEX	Energy trading	Leipzig	540 employees at 16 locations, including 233 in Leipzig
Energy2market GmbH	Energy trading	Leipzig	120 employees, one of the largest renewable energy aggregators in Europe
GF Casting Solutions Leipzig GmbH	Automotive OEM	Switzerland	New centre of excellence for core print technology
GET AG	Services	Leipzig	80 employees, data and software for the energy sector
Giesecke & Devrient	Banknote printing	Leipzig	Opened new premises in Leipzig in 2016
Haema AG	Healthcare	Leipzig	Biggest blood donor clinic in Germany
Halberg Guss	Automotive OEM	Germany	Long-standing foundry with 700 employees
Heiterblick	Mechanical engineering	Leipzig	120 employees, supplier of light railways and trams
HELIOS Park-Klinikum Leipzig	Healthcare	Leipzig	One of Germany's biggest heart centres in
Invia SSC Germany	IT, e-commerce	Czech Republic	700 employees, Invia Group includes ab-in-den-urlaub.de, Hotelreservierung.de, fluege.de, tourini (travel agent)
Kirow	Mechanical engineering	Germany	World's leading manufacturer of railway cranes
Klinikum St Georg gGmbH	Healthcare	Leipzig	Advanced care hospital
Kühne und Nagel	Logistics	Switzerland	Pharma Campus, 20,000 sqm
Leipzig University Hospital	Healthcare	Leipzig	3,800 employees, about 50 departments, units and institutes
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
Neue Fahrradwerke Leipzig	Automotive OEM	Leipzig	1,000 employees, 2 more production plants in Slovakia (opened in 2008) and China (2014)
Porsche	Automotive	Germany	4,200 employees, expanded into a full manufacturing plant in 2011–13
Schaudt Mikrosa GmbH	Mechanical engineering	Leipzig	Centreless grinding, about 250 employees
Schenker Deutschland	Logistics	Germany	1,100 employees, logistics for vehicle components
Siemens	Mechanical engineering	Germany	Siemens plants for low-voltage switchgear and turbomachinery
Spreadshirt	IT, e-commerce	Leipzig	About 500 employees in Leipzig
USM Haller	Office equipment manufacturer	Switzerland	Relocation of assembly from Baden-Württemberg, opened in August 2018, 120 employees
Vita 34	Pharmacy	Leipzig	Biggest stem cell bank in Germany
VNG	Natural gas	Leipzig	1,300 employees, European gas corporation with over 20 fully consolidated companies in 8 countries
Yamazaki Mazak Deutschland	Machine tools	Japan	Opened technology centre in Leipzig in 2011



## 8. Major investments in Leipzig

Expansion of Porsche's Leipzig car plant
<b>Project details:</b> Fifth plant expansion for the next generation of the Macan; construction of new body shop, logistics centre and other measures planned <b>Investment:</b> Mid-nine figure sum <b>Implementation:</b> 2018–21
Expansion of BMW's Leipzig car plant
<b>Project details:</b> Expansion of paint shop and assembly area; required due to increasing production and introduction of new vehicle generations; annual production capacity to be increased to 350,000 vehicles <b>Investment:</b> About €300m <b>Implementation:</b> 2018–20
Construction of office block for SAB
<b>Project details:</b> Relocation of Sächsische Aufbaubank reconstruction bank from Dresden to Leipzig; 22,500 sqm gross floor space, 18,000 sqm usable floor space <b>Investment:</b> About €110m <b>Implementation:</b> 2015–20
Construction of iDiv German Centre of Integrative Biodiversity Research
<b>Project details:</b> Adjacent to BioCity; newbuild with usable floor space of 4,600 sqm <b>Investment:</b> About €33.9m (funded by the government of Saxony) <b>Implementation:</b> April 2018 – March 2020
Construction of a new pilot plant at DBFZ German Biomass Research Centre
<b>Project details:</b> Usable floor space: 13,000 sqm <b>Investment:</b> €39.8m <b>Implementation:</b> 2016–19
Construction of a new data centre in Lindenau
<b>Project details:</b> State-of-the-art data centre for telecoms company HL komm; provision of IT infrastructure and storage capacity for SMEs; total floor space: 1,400 sqm <b>Investment:</b> Eight-figure sum <b>Implementation:</b> Q2 2017 – late 2019
Futuristic spherical café at the Kirow factory
<b>Project details:</b> A combined lounge and bar – a glass sphere with a height of 12 metres designed by celebrity architect Oscar Niemeyer – is being built at the Kirow plant <b>Investment:</b> Not disclosed <b>Implementation:</b> 2017 – spring 2019
Refurbishment of the Promenaden shopping centre at Leipzig Central Station
<b>Project details:</b> Half the 140 shops are to be revamped; new lighting concept on the ground floor and in the basement; Deutsche Bahn travel centre to be remodelled; improvement of signage <b>Investment:</b> About €30m <b>Implementation:</b> 2018–20
Investments by Leipzig University's Faculty of Medicine
Expansion of Leipzig University Hospital
<b>Project details:</b> Modern newbuild with a usable floor space of about 13,000 sqm and 134 beds; departments of oncology, gynaecology and paediatrics to be housed in the same building <b>Total investment:</b> About €85m <b>Implementation:</b> Phase 1 to be completed in 2018
Refurbishment of Leipzig University catering centre on Liebigstrasse
<b>Project details:</b> Conversion into a multifunctional learning and communication centre; medical/life Sciences Central Library <b>Investment:</b> About €23.3m <b>Implementation:</b> 2015–18
Refurbishment and alteration of Leipzig University's Institute of Anatomy
<b>Project details:</b> Refurbishment and alteration of the institute on Liebigstrasse <b>Investment:</b> About €11.5m <b>Implementation:</b> 2016–19

Conversion of Leipzig University's Carl Ludwig Institute into a central study centre
<b>Investment:</b> About €22m <b>Implementation:</b> 2016–21
Investments by Leipzig University
New Teacher-Training Centre at Leipzig University's Jahnallee Campus
<b>Investment:</b> About €48.6m <b>Implementation:</b> 2018 (Teacher-Training Centre and lecture hall); 2019 (tower in House 1)
Construction of research greenhouse at the Botanical Gardens
<b>Project details:</b> To be used by the iDiv German Centre for Integrative Biodiversity Research Halle–Jena–Leipzig <b>Investment:</b> €7.8m <b>Implementation:</b> 2017 – October 2018
Investments under the City of Leipzig's Schools Development Plan
<b>Primary schools:</b> New schools on Opferweg at the planning stage) and Tauchaer Strasse (2018); modernization of School No. 66, Komarowstr. 2 (late 2018); expansion of school in Lindenau, Am Angerteich 2 (2019); replacement of Adler School (2020) and Wilhelm Busch School (2023); replacement of School No. 31 on Thierschstrasse (2020), new school with gym in Lindenau on Gießelstrasse 4 (2020), new four-stream school on Baumannstrasse 13 (2020), new four-stream school at Jablonowskistrasse 1 <b>Comprehensive schools:</b> New sports school between Goyastrasse, Max-Planck-Strasse and the Auwald woodlands for 670 pupils with three-court gym (underway); East Leipzig Education Campus including a gym and a refectory (from the end of 2017); reopening of School No. 55 as well as school on Ihmelstrasse (at the planning stage); Uhlandstrasse School (2016), Diderotstrasse School (2019), expansion of Mölkau School (August 2019), expansion of Adler School (2021), new school on Hainbuchenstrasse (2023) <b>Grammar schools:</b> Construction of schools on Gorkistrasse and Telemannstrasse including three-court gym (begun in 2016); Karl-Heine-Strasse 22b: conversion into a five-stream grammar school for 1,120 pupils and teachers (2018 – September 2020); grammar schools at Bayerischer Bahnhof (2018), on Ihmelstrasse (2021) and in west Leipzig (2025); gyms (at the planning stage): extensions at Christoph Arnold School, School No. 120, School No. 77, Erich Zeiger School, School Weisseplatz, Georg Schumann School and St Thomas's School <b>Investment:</b> About €220m until 2019 <b>Implementation:</b> 2016/17 – 2025
Construction of new preschool centres for the City of Leipzig
<b>Project details:</b> 13 crèches and nursery schools for nearly 1,760 children being built; projects listed individually at www.leipzig.de <b>Investment:</b> About €45m <b>Implementation:</b> 2015–19
Conversion of the Soviet Pavilion into Leipzig City Archives
<b>Project details:</b> Construction of a windowless storeroom at Alte Messe with 19.2km of rolling storage shelving (sufficient until about 2030) <b>Investment:</b> About €20m <b>Implementation:</b> November 2016 – 2019
New projects at Leipzig Zoo
<b>Project details:</b> Patagonia, Pampa, Pantanal (€5.1m); Tierra del Fuego (€19m); Asian Island World (€8.2m); redevelopment of aquarium (€6.2m); <b>Total investment:</b> About €38.5m <b>Implementation:</b> By 2022
Refurbishment of main fire station on Goerdellerring
<b>Total investment:</b> About €19.2m <b>Implementation:</b> 2018 – July 2019 (main building) and December 2020 (auxiliary buildings and courtyard)
New nursing home in Eutritzsch
<b>Project details:</b> 112 residential care places in single and twin rooms, 15 day care places <b>Investment:</b> About €17m <b>Implementation:</b> 2017–19

Leipzig Justice Centre – phase 1 of Leipzig Department of Public Prosecutions
<b>Project details:</b> New building under construction behind the façades of the former detention centre; to be connected to Leipzig Local Court on Bernhard-Göring-Strasse; new building will house Department of Public Prosecutions and land registry; phases 2 and 3 to follow after 2020 <b>Investment:</b> About €33.4m <b>Implementation:</b> February 2018 – October 2020
New prison hospital
<b>Project details:</b> Psychiatric ward (about 80 beds) and somatic ward (about 30 beds); deportation detention centre for Saxony to be housed in an identical neighbouring building (already completed) <b>Investment:</b> About €15.8m <b>Implementation:</b> July 2017 – April 2019
Construction projects by the Leipzig Group (direct service organizations)
Redevelopment of the LVB repair shop in Heiterblick including construction of an equipment depot
<b>Project details:</b> Area: 165,000 sqm; phase 1 (€54m) completed in 2014; phase 2 (construction of repair shop and stockyard as well as output premises and existing buildings, about €47m) to be completed after 2020; multiple departments will then be relocated to this site <b>Investment:</b> About €100m <b>Implementation:</b> 2011 – after 2020
Joint projects by public transport operator LVB and waterworks
<b>Project details:</b> Redevelopment of Georg-Schwarz-Strasse (€9.3m) by end of 2018; Plagwitz Bridge (€4.5m) (under discussion); redevelopment of Karl-Heine-Strasse: May 2018 – mid-2020 <b>Implementation:</b> 2017–20
Investments by Leipzig Waterworks in 2018
<b>Project details:</b> Various investments in the water infrastructure; including €45.9m in the drinking water and sewage networks and about €9m for waterworks and sewage treatment plants <b>Investment:</b> About €67m in 2018 <b>Implementation:</b> 2018
Refurbishment and conversion of the old main post office
<b>Project details:</b> Total area: about 13,400 sqm; construction of the hotel on Grimmaischer Steinweg with 300 beds (Motel One) and an underground car park (exit on Querstrasse); Italian designer furniture store (2,000 sqm); various shops including Edeka supermarket; creation of the Living House on the front facing Augustusplatz (cafés, shops, offices and departments); sky bar, lounge and conference centre <b>Investment:</b> About €120m <b>Implementation:</b> 2018 (hotel, underground car park and south wing)
Construction of hotels, multi-storey car park and coach terminal at Leipzig Central Station
<b>Project details:</b> Site area: 11,100 sqm; construction of a hotel complex comprising two interlocking buildings (Hyperion business hotel with 193 rooms and H2 hotel with 337 rooms); coach terminal with 11 gates completed in March 2018; retail outlets (700 sqm); multi-storey car park operated by OPG Center-Parking Parking (550 parking spaces, including 300 for the public) <b>Investment:</b> About €80m (€65m for hotels/€15m for car park and coach terminal) <b>Implementation:</b> March 2017 – late 2019
Construction of Premier Inn
<b>Project details:</b> Hotel with 182 rooms; integration of a branch of Costa Coffee <b>Investment:</b> Not disclosed <b>Implementation:</b> 2018 – 2019
Restoration of the Astoria hotel
<b>Project details:</b> Restoration of the façade and the overall staircase; restaurant and lobby with elements from 1913 and 1950, bar with seating for 30 people indoors and 50 outdoors, banqueting space for 1,000 guests; 5 ballrooms and 6 conference rooms <b>Investment:</b> Not disclosed <b>Implementation:</b> 2018 – late 2020

Hotel on Burgplatz
<b>Project details:</b> Four-star hotel owned by the NH Hotel Group; usable floor space of 3,500 sqm, 197 rooms, bar and restaurant; adjacent shopping <b>Investment:</b> €30–40m <b>Implementation:</b> March 2017 – late 2018
Projects by the Leipzig CG Group
New housing development: Gohliser Höfe/Bleichert works
<b>Project details:</b> Site of former Bleichert works; total area: 12,674 sqm; construction of a housing development with 145 apartments and 12 commercial units; 273 parking spaces <b>Investment:</b> About €62m <b>Implementation:</b> April 2014 – 2018
Construction of Residenz am Waldplatz (residential development)
<b>Project details:</b> 74 apartments with at least 3 rooms each; underground car park with 70 parking spaces; 3 commercial units <b>Investment:</b> About €26 <b>Implementation:</b> 2016 – December 2019
'FourLiving': Vertical Village Apartments Leipzig
Conversion of former Technical Town Hall into Vertical Village Apartments; 296 apartments (35–52 sqm); shops and businesses on bottom storeys; underground car park with 190 parking spaces <b>Investment:</b> About €83.5m <b>Implementation:</b> January 2018 – late 2020
'Ostforum': New residential complex on Prager Strasse
<b>Project details:</b> Construction of residential development on a site 9,000 sqm in size consisting of three buildings (11, 7 and 5 storeys with roof gardens) between former Technical Town Hall and Ostplatz; 215 apartments and underground car park with 171 parking spaces <b>Investment:</b> About €60m <b>Implementation:</b> 2018 – late 2020
Redevelopment of army bakery site
<b>Project details:</b> Redevelopment of listed military bakery (built in 1890) on Olbrichtstrasse (boundary between Gohlis and Möckern); site area: 36,500 sqm; 15 buildings, outdoor parking spaces and underground car park; park setting with large adventure playground <b>Investment:</b> About €60m <b>Implementation:</b> 2017–19
Residential project at Lindenau Harbour
<b>Project details:</b> Site of about 17 hectares; construction of around 470 homes for some 1,000 residents at Lindenau Harbour (rented and owner-occupied housing) as well as preschool centre, restaurants and businesses <b>Investment:</b> About €150m (various investors) <b>Implementation:</b> Work began in February 2017; 88 homes to be completed by autumn 2018, nursery school in 2019
Konstantinum housing development
<b>Project details:</b> Residential project on a site measuring 3,800 sqm; new 8-storey building 123 apartments and roof terraces (usable floor space: 11,000 sqm); about 9–12 commercial units for retail, surgery and offices <b>Investment:</b> Not disclosed <b>Implementation:</b> May 2018 – late 2020
Construction of Prager Höfe
<b>Project details:</b> Site area: 3,000 sqm; new 6-storey building with 40 owner occupied apartments (71–168 sqm) and 4 penthouse apartments; Charly's House (hotel) with 161 rooms <b>Investment:</b> About €25m <b>Implementation:</b> 2018 – early 2020
New residential tower block in Grünau
<b>Project details:</b> New building with 12 storeys and a loft mainly designed for senior citizens; 60 apartments, 30–103 sqm (1–3 rooms), 30 sqm open terraces; communal areas with loggias, reception, cleaning, meal service, in-house cafeteria <b>Investment:</b> About €12.2m <b>Implementation:</b> June 2018 – April 2019



Published by  
City of Leipzig  
Department of Economic Affairs  
and Employment  
Office for Economic Development

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Design, typesetting and production  
Robert Sittig  
WESTEND Communication GmbH  
www.westend-communication.de

English by  
Chris Abbey

Printed by  
FRITSCH Druck GmbH, Leipzig

Date of going to press  
17 August 2018

Address  
Stadt Leipzig (City of Leipzig)  
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(Office for Economic Development)  
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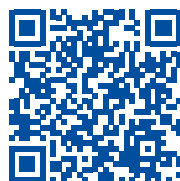
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