



City of Leipzig
Economic Development Office

LEIPZIG MEANS BUSINESS **2016**



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Leipzig is continuing to grow – because it's continuing to attract all those people with business ventures in mind, who are seeking good educational opportunities, employment prospects and an outstanding arts scene, and who appreciate a city which is both urbane and open to the world.

Top division

In 2015, the people of Leipzig were in celebratory mood, for their city had just observed its 1,000th anniversary. The many different ways in which urbs Libzi, long since renamed Leipzig, has inscribed itself into the book of German and European history was particularly apparent in its millennium year from its far-reaching impact as a city of business, commerce, the arts and education – and of course a city of free burghers. '1,000 Years of Leipzig – We are the city', the motto of this special anniversary, summed up its residents' pride and confidence in their own creativity. Attracted by this activity, 15,000 New Leipzigers moved here in 2015. As a result, the population climbed past the 570,000 mark – and looks set to reach a round 600,000 in the near future. Leipzig is particularly attractive to young, dynamic people because various sectors are constantly offering new jobs and prospects here. Over the past ten years, a total of 60,000 new jobs has been created in Leipzig, enabling unemployment to be continuously reduced to 8.6%.

In 2016, Leipzigers are again in celebratory mood. Local football team RB Leipzig has been promoted to the Bundesliga, Germany's top soccer division. From now on, hundreds of thousands of eyes will be scrutinizing the league table even more closely than before. Clear achievements count out on the football pitch – just as they do in business. Economic success is vital if the city is to continue to flourish – and a number of outstanding achievements have been accomplished. The magic number of one million tonnes of air freight per year at Leipzig/Halle Airport is no longer a distant spot on the horizon but likely to be reached in the very near future. Largely thanks to express logistics company DHL, this airport in central Germany has risen to become one of the world's fast-moving cargo hubs.

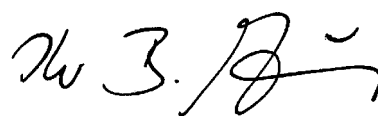
Lovers of luxury cars in their tens of thousands around the world drive BMWs and Porsches made in Leipzig. BMW's plant has been joined by a second plant turning out electric vehicles from Leipzig. Meanwhile, Porsche now operates a fully integrated car factory in Leipzig

handling all stages of production and with substantially increased capacity.

Yet despite the impact of this string of glittering new plants alongside the A14 motorway in north Leipzig, SMEs make up the backbone of the local economy. Innovations and collaborations with research centres from Leipzig are being used to modernize production programmes and tap a stream of new markets. Energy-saving lighting systems advertise global brands in some of the most famous cities of the world. Biotech products and life science breakthroughs from Leipzig support medical progress and are improving the quality of life of countless people. With inspiring ideas in the internet economy, Leipzig's commercial traditions are being elevated by dynamic start-ups to meet 21st-century demands.

But while fighting for and then defending its competitive position, Leipzig also attaches great importance to cooperation with neighbouring districts in the Central Germany Metropolitan Region.

Football is all about rising to the top – and then maintaining this position. Having achieved this in soccer, this principle must also be symbolically applied to the spirit of Leipzig as a whole. In the competition for excellence, we can't have too many players. We'd like to invite you to join our team on the up and up by bringing your dynamism to Leipzig!



Burkhard Jung
Mayor of the City of Leipzig



In the global economy, the name Leipzig has reached the rank of a quality brand. This image is convincingly borne out by top positions in rankings plotting the future prospects of cities throughout Europe – and the acclaimed business friendliness of Leipzig's administration.

A growing economy

Young people are coming in droves to this growing city in north-west Saxony to satisfy their curiosity and seek out new trends – and they're staying here. The arrival of so much new blood demonstrates Leipzig's quality and is a sign of future promise. It's also a reflection of the fact that relocating to Leipzig is a worthwhile decision.

Experienced analysts are convinced that Leipzig is an attractive business location. Investors are coming here to scope out individual opportunities – or even implement them rapidly. And a growing number of entrepreneurs are confident that in Leipzig, the groundwork has been laid for further investment.

When travelling throughout Germany and abroad, it's a relief not to have to explain Leipzig in detail any more. Instead, people immediately ask me about the latest exciting developments here. This difference in attitude is as big as that between the initial exchange of business cards and the confident submission of detailed tender documents for future projects.

The basis for this success was laid over a quarter of a century – a period of intense competition, complete economic restructuring, and the introduction of the social market economy. The resulting foundation is solid and reliable – but it's not a cushion of laurels. All those responsible in the City of Leipzig realize that the many young people now coming here in search of knowledge will in just a few years be highly qualified individuals expecting modern jobs. Therefore, Leipzig's economy must continue to grow – and the course has been set.

Attractive prospects are available to every employer, regardless of whether they are already based in Leipzig or about to expand or relocate here. The local economy has a diverse yet defined structure. Given the sequence of business cycles, this diversity brings stability. And after about 15 years of a cluster process involving commercial enterprises, the public administration and research institutions, five clearly recognizable cores have crystallized with plenty of scope for everyone from innovative SMEs to global corporations. Biotech and life science are among the most promising industry networks. They are innovative producers in the best sense of the

word, a global megatrend with direct impact on the quality of life, and demanding clients for a wide range of items from equipment development to special buildings. The economic attractiveness of this cluster is enhanced by the fact that, following generous subsidies and initial investments, significant value creation beckons.

The following pages contain a wide array of facts and figures, statistics to whet your appetite, and starting points for the continuation of Leipzig's successful development. Compact sources of information like this are appreciated by employers and entrepreneurs – and more details on any aspect can be provided by the Department of Economic Affairs and Employment at Leipzig's New City Hall.

Immerse yourself in this compendium of information about one of the most dynamic business locations in Germany and indeed Europe. I'm sure that after browsing this latest edition of Leipzig Means Business, you too will conclude that (nearly) all roads lead to Leipzig! Welcome to the business world's city of quality.

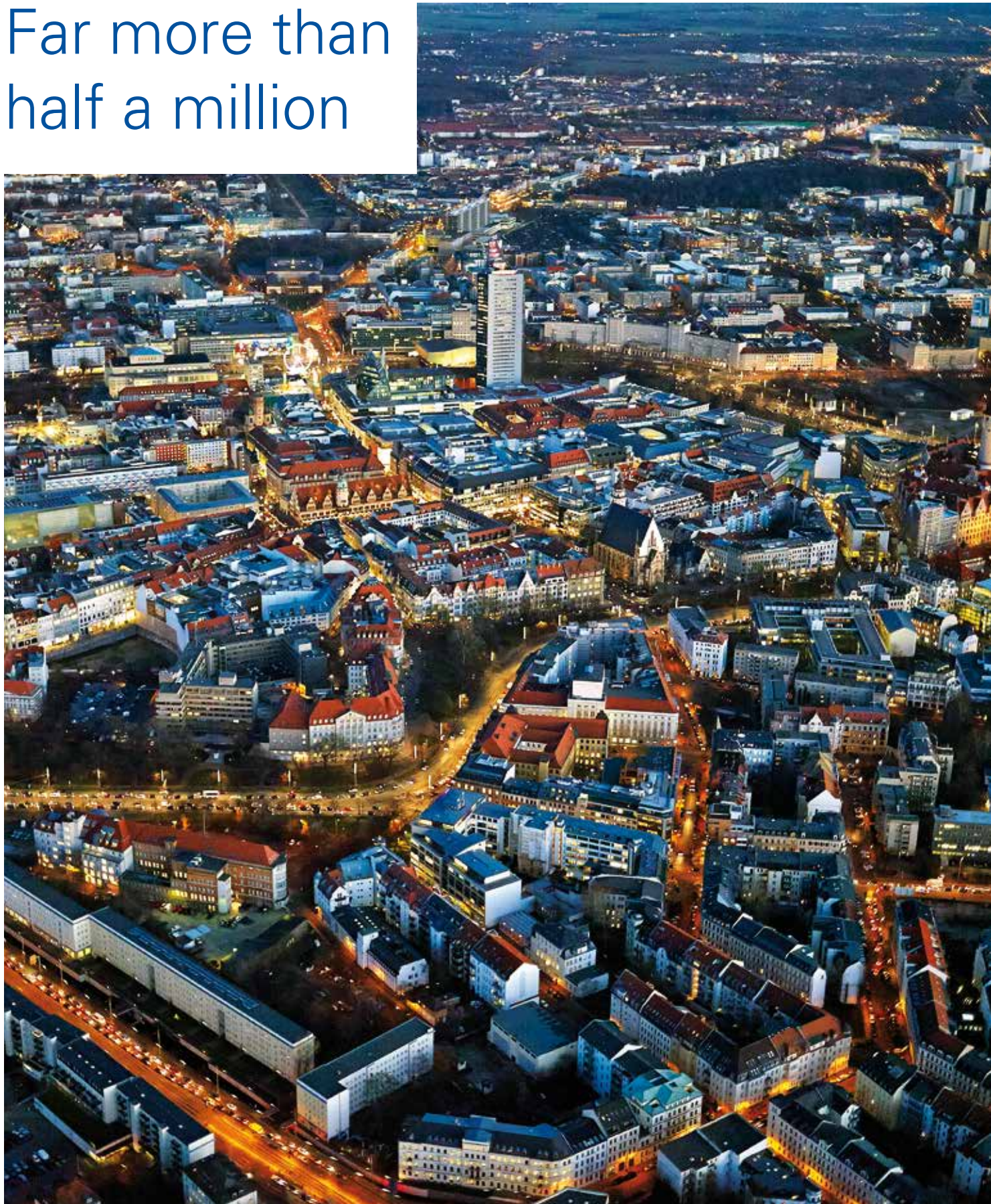


Uwe Albrecht
Deputy Mayor of Economic Affairs and Employment



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

Far more than half a million



Leipzig – a growing city

Population up by 16,000 in 2015

In 2015, the population of Leipzig rose by 15,975 (+2.9%) to 567,846. Its dynamic development over the previous four years when the population increased by around 10,000 people annually has hence been stepped up. Previously, it grew at a rate of between 3,000 and 5,000 every year. Leipzig's annual growth rate of 2.9% outstrips every other city in Germany's top fifteen.

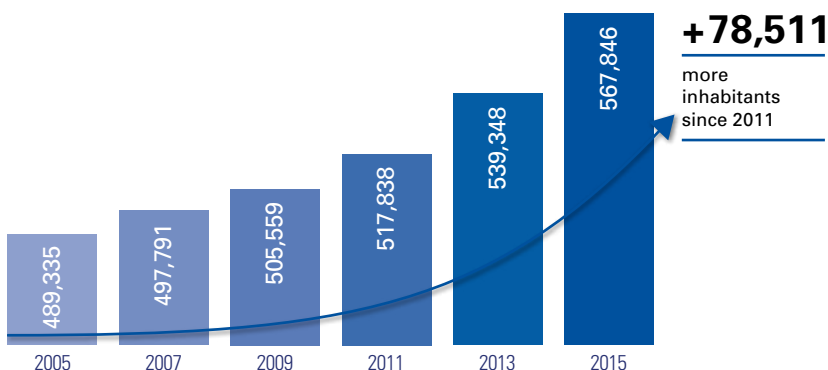
Baby boom

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 2015, 6,622 babies were born in Leipzig, exceeding the 6,199 people who died. This birth surplus is set to increase to between 1,300 and 1,700 annually by 2020. Leipzig is expecting 7,000 babies to be born in 2016 – and over 8,000 every year from 2021.

Population expected to reach 722,000 by 2030

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

Population of Leipzig



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

674,000. On the other hand, forecasts published by the Saxon Department of Statistics expect Leipzig to grow more slowly. Using an official population of Leipzig which is actually about 8,000 lower than the city's population register, Variant 1 predicts a rise of 57,000 (+10%) to 618,000. The growing population will be accompanied by changing demographics. According to the medium scenario drawn up by the City of Leipzig, the numbers of youngsters, young adults up to 25, adults aged between 35 and 45, and very old people over 80 will all rise disproportionately.

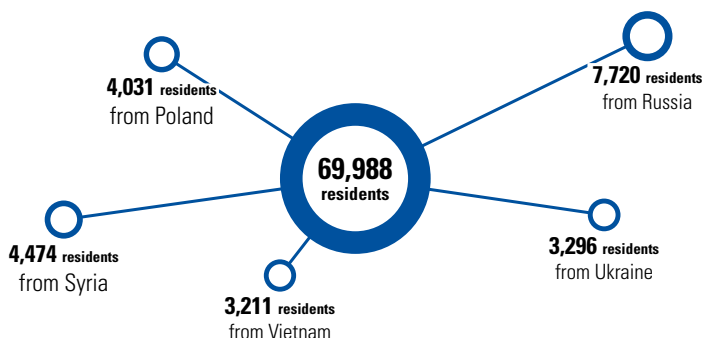


In 2015, 6,622 children were born in Leipzig.

Population within a radius of ...

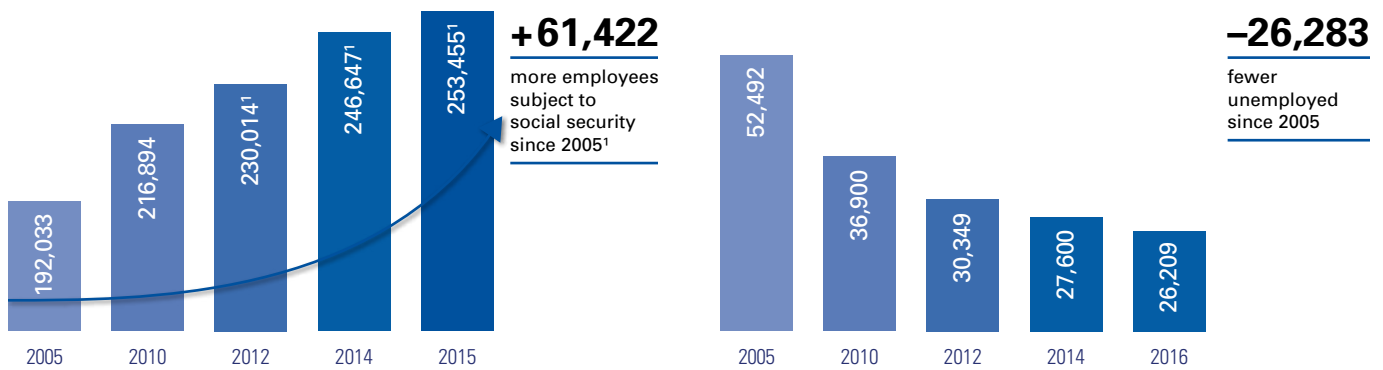
40km / about 1.7 million
60km / about 2.8 million
100km / about 6.8 million
250km / about 28.6 million

Leipzigers with a migration background



Sources: Population register, Leipzig Office for Statistics and Elections.

Momentum of a high-growth region



¹ Due to a retroactive revision of employment statistics in August 2014, this data differs from previously published data.

Source: German Employment Agency. Figures apply to 31 December of each year.

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

SMEs: Backbone of the economy

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



Private sector in central Germany upbeat

Over the past 12 months, development in the industrial sector in central Germany has been largely stable despite global insecurities. The regional Business Climate Index moved sideways and in spring 2016 was almost unchanged from the previous score of nearly 72 points. This confirms the very robust state of enterprise in central Germany.

High incoming orders

Companies in central Germany have a somewhat better assessment of their situation compared to spring 2015, the balance of good and poor ratings rising to +34 points. Low oil prices, the attractive rate of exchange for the euro, and low interest rates have created an unusually favourable economic environment over the past 12 months. Accordingly, views remain very positive across the board.

Business expectations remain high

Although business expectations declined a little, optimistic predictions still predominate for 2016 in central Germany. The balance of optimistic and pessimistic expectations declined by just 1 point to 17 points. Accordingly, the prospects of the private sector in central Germany are

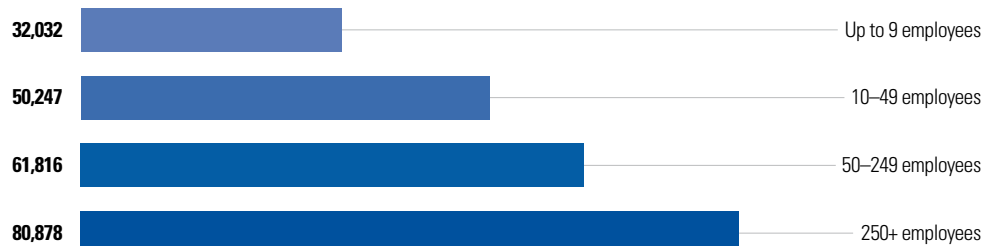
still geared to growth. The main factors contributing to this buoyant evaluation are private spending, state investment and construction activities (including both residential buildings and transport projects). On the other hand, business expectations in industry in particular have been impacted by risks stemming from the global economy.

Muted export forecasts

Export expectations of industrial companies in central Germany are declining. In 2015, export forecasts had already fallen compared to the previous year – and this trend is continuing. The balance of rising and falling export expectations dropped from +14 to +8 points, with fewer and fewer companies expecting their export volume to rise. Many firms' export forecasts have been dampened by sluggish economic performance in key non-European regions. Moreover, activities on the important Russian market have been greatly reduced by the sanctions still imposed by the European Union. Insecurity also stems from Brexit as well as the outcome of the TTIP negotiations and their impact on the economy.

Source: Economic Report for Central Germany, Halle-Dessau and Leipzig Chambers of Commerce and Industry and Chambers of Small Industries and Skilled Trades, 2016. A total of 1,761 firms in these business chambers responded to the survey.

Employment¹ by company size, 2015²



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

² At the time of evaluation (the year under review is 2011).

Source: Saxon Department of Statistics

Contact

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Close contacts throughout the world



Mayor of Moscow visits Leipzig

In May 2016, Mayor Sergey Sobyenin attended the International Transport Forum in Leipzig together with a representative delegation from the Government of Moscow. During a meeting with his counterpart Burkhard Jung at New City Hall, Sobyenin signed Leipzig's Golden Book. This was followed by an intensive exchange of views with invited guests from the worlds of politics, business and science, and a visit to the Russian Memorial Church. Leipzig and Moscow confirmed their close collaboration in a formal agreement signed back in 2014. The financial contribution by the Government of Moscow to the restoration of the Russian Memorial Church is of high symbolic value for Russians and builds a bridge from the past to the present of the various relations between the two European cities.

Cooperation with Israel

After the 50th anniversary of diplomatic relations between Israel and Germany in 2015, cooperation with Israel continued to play a prominent role in Leipzig's international activities in 2016. In December 2015, a large delegation headed by the Mayor of Leipzig visited Israel. Members of the delegation met various important figures,



including Joachim Gauck (the President of Germany), Yona Yahav (the Mayor of Haifa) and Dr Clemens von Goetze (the German Ambassador to Israel). Leipzig also received an award for its 'municipal dedication' from Israeli Ambassador Yacov Hadas-Handelsman for its many activities marking the jubilee of diplomatic relations. In February 2016, a German-Israeli twinning conference was held, which was attended by more than 200 representatives of both countries, and where themes such as youth exchanges, municipal cooperation and economic cooperation were discussed. Meanwhile, innovative start-ups from Israel and Leipzig are cooperating in the field of market development. And over 50 athletes from Leipzig's twin town Herzliya participated in the 23rd Sparkasse LIPSIAD.

Development cooperation: Partnership projects from Ukraine to Ethiopia

Under the umbrella of German-Ukrainian development cooperation, diverse relations have been established between Leipzig and the west Ukrainian city of Lviv. A project dedicated to municipal development and urban renewal in Lviv funded by the GIZ German Corporation for International Cooperation has been ongoing since 2009, with building experts and planners from Leipzig lending assistance on the ground. Since 2013, a former department head from the local authority in Leipzig has been working for Lviv City Council.

In October 2015, a specialist from Leipzig was sent to its Ethiopian twin town Addis Ababa in conjunction with the CIM Centre for International Migration and Development (the recruiting agency for German development cooperation), funded by the Federal Ministry of Economic Cooperation and Development. Working in the structures of the local authority there, his main responsibilities are know-how transfer and supporting development policy objectives.

Leipzig's twin towns

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

District partnerships also exist with

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

Consular missions and foreign cultural institutes

Consulates general

- Russian Federation
- United States of America

Honorary consulates

- Bosnia and Herzegovina
- Costa Rica
- Democratic Republic of Congo
- France
- Italy
- Kosovo
- Liberia
- Mongolia
- Norway
- Poland
- Romania
- Slovakia
- Sweden
- Sri Lanka
- Ukraine

International cultural institutes

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

Municipal project partnerships

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

Contact

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Commercial companies value fast, reliable connections – and Leipzig has them. Its economy is linked to the global market by an orbital motorway and major roads heading in all directions, a 24-hour airport, high-speed railway lines, and a modern telecoms network. Importantly, being a 'child' of German reunification, this infrastructure has been either thoroughly modernized or completely reengineered and built from scratch. Businesses are making good headway on these rapid routes integrated into European networks. And the winners are the regional market and its links to the outside world.

Rapid transport: Just what central Europe needs



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 improved roads, railways and air routes are tapping the enormous potential which Leipzig can mobilize within the expanded European Union. Efficient transport links and the seamless networking of individual modes of transport are among the key factors behind the thriving economic development of the entire region.

Milestones of infrastructure development in and around Leipzig

- | | |
|--|--|
| <p>2016 – Multimodal terminal in Wahren: Expansion begins</p> <ul style="list-style-type: none"> – Air freight station: Daily cargo flights to seaports start – Train arrivals and departures rerouted at Leipzig Central Station in connection with German Unity Transport Project No. 8 <p>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, Wittenberg)</p> <ul style="list-style-type: none"> – Abellio: Saale–Thuringia–South Harz network opens (improved links from Leipzig/Halle to Thuringia and Lower Saxony/Hessen) – Deutsche Bahn: High-speed Leipzig/Halle–Erfurt rail link opens (Nuremberg in 2017) – Planning starts for coach station east of Leipzig Central Station – Leipzig Central Station: Central platforms modernized and extended to a length of 400m – Leipzig Central Station: New track layout for faster arrivals and departures <p>2014 – LVB: Part of new Public Transport Technical Centre for opened</p> <p>2013 – A72 (Leipzig–Chemnitz–Hof) completed as far as Borna</p> <ul style="list-style-type: none"> – Deutsche Bahn: City-centre tunnel opened – Airport: New hangar opened for Aircraft Maintenance and Engineering Service GmbH (previously Volga-Dnepr Technics GmbH, renamed in April 2015) <p>2012 – Phased upgrading of Lützner Strasse for rapid transit track for the 15 tram</p> | <p>2011 – Airport: Third taxiway bridge spanning the A14 opened</p> <ul style="list-style-type: none"> – Airport: New railway siding in Cargo Area South <p>2010 – Airport: Animal Export Centre opened</p> <p>2009 – Deutsche Bahn: New InterCityExpress repair depot opens in Leipzig</p> <ul style="list-style-type: none"> – A14 (Magdeburg–Dresden–Prague) widened to three-lane dual carriageway <p>2008 – Airport: Air freight transshipment station opened</p> <p>2007 – Airport: 3.6km Runway South opened</p> <ul style="list-style-type: none"> – Airport: Border Inspection Post opened <p>2006 – A9 (Berlin–Leipzig–Munich) widened to three-lane dual carriageway</p> <ul style="list-style-type: none"> – Electronic traffic management system goes online throughout the Leipzig region – A38 (Leipzig–Göttingen) motorway completed <p>2005 – S10 local railway line between Leipzig and Halle opens, partly on new track</p> <p>2004 – Deutsche Bahn: Intermodal terminal for road–rail container handling expanded</p> <p>2003 – Schkeuditzer Kreuz interchange (A9/A14) revamped</p> <ul style="list-style-type: none"> – Airport: New central terminal and railway station opened <p>2002 – New road link opened between the B6 and A9 in north Leipzig</p> <p>2001 – MDV: Introduction of integrated tickets</p> <p>2000 – Airport: 3.6km Runway North opens</p> |
|--|--|



Leipzig/Halle Airport: Freight traffic soars



In summer 2009, AeroLogic – a new joint venture set up by DHL Express and Lufthansa Cargo – became the first airline to be based at Leipzig/Halle Airport.

Facts and figures

Runway system:

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

- Area: 1,400 ha

Development of air traffic in 2015:

- Take-offs and landings: 66,061
- Freight volume: 988,240 tonnes
- Passengers: 2,321,975

– www.leipzig-halle-airport.de

Trimodal benefits of Leipzig/Halle Airport

Leipzig/Halle Airport harbours 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 seaport links via freight runs to major European ports
- Frequent passenger connections to international hubs and other European cities

DHL's biggest air freight hub continues to grow

The first expansion phase of DHL Air Hub Leipzig was officially opened in November 2014. This €150 million investment has increased the hub's capacity by more than 50% to 150,000 express consignments per hour and will create up to 400 new jobs. Some 3,900 people currently work at Air Hub Leipzig. All in all, DHL has invested about €510 million in the air freight hub – its biggest in the world – since relocating there in 2008.

Leading European cargo airport

In 2015, cargo traffic at Leipzig/Halle Airport rose to a record level for the eleventh time in a row when total freight reached 999,240 tonnes, an increase of 8.5%. Leipzig/Halle Airport 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
- 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

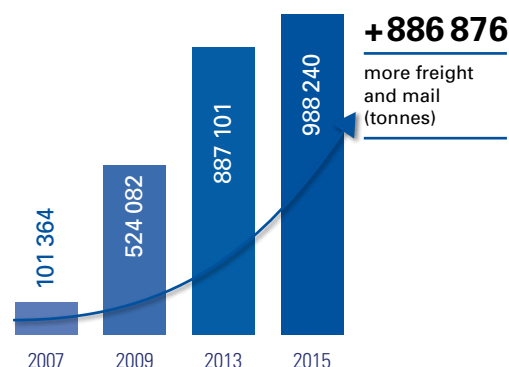
Leipzig/Halle Airport is also a reliable partner when it comes to the safe, humane transport of animals. For this purpose, the airport operates an Animal Export Centre 1,300 square metres in size.

Planned expansion:

Ideal conditions for investors

There's still plenty of land available at Leipzig/Halle Airport. The apron directly connected to Cargo Area South is big enough to accommodate six large cargo planes (such as Antonov 124s and Airbus 380s).

Growth of freight and mail (tonnes)



Source: Leipzig/Halle Airport



Modern transport structures unite city and region

An efficient road network linking city and region –
Paving the way for fast-moving commercial transport

Leipzig's road network with a total length of about 1,700km has to meet the needs of different users. Fast, multi-lane roads between the city and the orbital motorway ring surrounding Leipzig, modern rapid transit tramways for the optimum use of the existing road space by road traffic and trams, and tram stops at local railway stations are key elements of the City of Leipzig's diversified transport improvement programme.

The local authority is implementing a long-term programme of road and bridge construction taking in the entire city. Including the new prestressed concrete bridge on Bornaische Strasse spanning the railway tracks in south Leipzig, the upgrading of Bornaische Strasse (now nearing completion), the reconstruction of the lengthy

bridge on Antonienstrasse to ensure smoother car and tram traffic toward Grünau (the large housing estate in west Leipzig), and the improvement of Georg-Schumann-Strasse in north-west Leipzig, the aim is to forge an efficient road network benefiting the city itself and enabling surrounding areas to be reached more quickly. In summer 2016, the City of Leipzig took advantage of additional 90% funding for roadworks offered by the regional government to carry out repairs to 13 hotspots mostly on busy main roads. Investment is also being used to gradually upgrade the secondary road network – an important link between residential and commercial locations.



LVB: Mobility services for the growing city

Being Leipzig's mobility service provider, public transport operator LVB takes over 138 million passengers every year to their destinations quickly and conveniently. With 13 tram lines with an aggregate length of 218km as well as 46 bus routes covering a total of 735km, LVB serves the entire area of the city. Just one year after the radical restructuring of local public transport services in the suburban railway and regional bus network in 2014, LVB managed to increase its passenger figures again. The fact that public transport was strengthened last year is underlined by growth of 1.4% coupled with rising revenue of 2.5% thanks to new fare offers and products. After outsourcing some routes to other companies in the previous year, growth has been reported by all operators throughout the system. LVB's turnover rose from €103.3 million to €107.2 million, the company breaking even thanks to internal cost-cutting.

In 2015, LVB launched a strategic initiative into the mobility world of the future by opening the door to intermodality with its platform 'Leipzig **mobil**'. At the heart of the project is an app in which new offers (Flex subscriptions, car sharing, bicycle nextbike) have been merged into a single new product. 'Leipzig **mobil**' is an innovative pilot project intended to develop new mobility solutions for the growing city by means of constant improvements. With 25 mobility stations and the associated platform, the company – together with multi-utility Stadtwerke Leipzig and other partners – has launched a smart mobility project.

Abellio launches new direct routes

On 13 December 2015, Abellio Rail Mitteldeutschland GmbH began operations on the Saale–Thuringia–South Harz network. Its new SE15 and RE17 routes have created direct connections to Naumburg, Weimar, Erfurt, Jena and Saalfeld, benefitting commuters (workers and trainees) as well as day-trippers and tourists. Part of the German corporation Abellio GmbH, Abellio Rail Mitteldeutschland GmbH is responsible for the mobility of 8.5 million travellers between the regions of Saxony, Saxony-Anhalt, Thuringia, Hesse and Lower Saxony on the electrified Saale–Thuringia–South Harz network.

www.abellio.de

City-centre tunnel: Infrastructure for the metropolitan region

Phase 2 of central German railway network

Commuters, day-trippers and visitors to the region are delighted with the suburban rail service spanning central Germany with its centrepiece, the tunnel passing beneath Leipzig. Two years after the rail network was rebooted in large parts of Saxony, Saxony-Anhalt and Thuringia, the second phase of regional networking with long-distance trains began. In the north, the local network now extends as far as Dessau, with through trains continuing to Magdeburg.

The railway tunnel is conveniently accessed in central Leipzig at four underground stations. Six synchronized routes extending to the major housing estate in Grünau in west Leipzig, the nearby city of Halle, and the towns of Wurzen, Oschatz, Zwickau, Bitterfeld and Hoyerswerda all pass beneath central Leipzig, which can be quickly reached by commuters, students, shoppers, sightseers and other visitors. Thanks to the tunnel, journey times on certain routes such as Altenburg to Leipzig have

been slashed by as much as 30 minutes compared to the previous regional trains, which had to use the old lines skirting around Leipzig.

At peak times, the rapid-acceleration electric trains pass through the new tunnel every five minutes. In 2015, the new suburban rail network was used by nearly 60,000 passengers daily, 25,000 of them also travelling through the tunnel. The fastest routes in the new network are the two lines linking the cities of Leipzig and Halle. Representative surveys rated customer satisfaction with the upgraded railway network at 79%.

www.s-bahn-mitteldeutschland.de

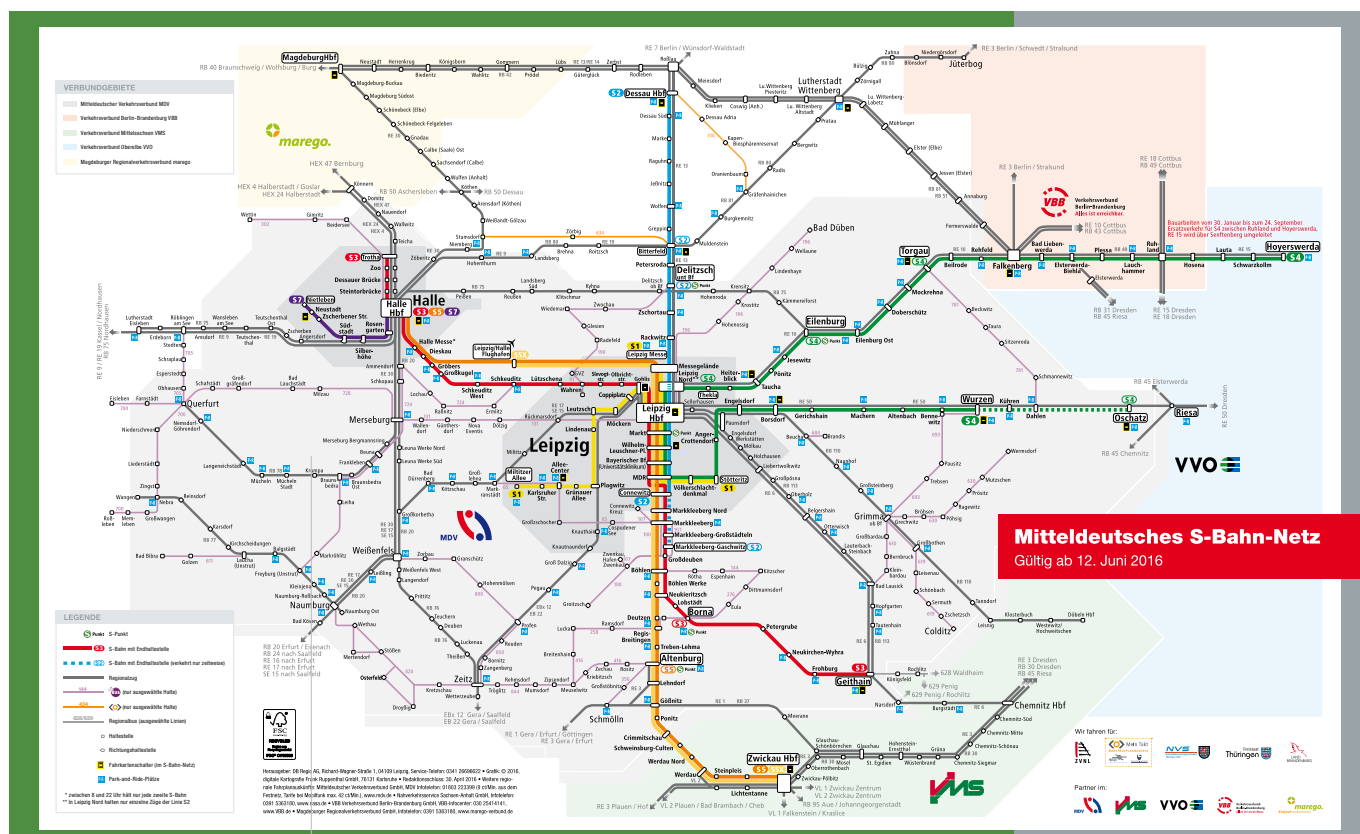


Integrated tickets for central Germany

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

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

www.mdv.de





Substantial rail investment

New tracks, faster connections

The introduction of the 2016 timetable on 13 December 2015 was accompanied by the inauguration of the new railway track connecting Leipzig and Halle to Erfurt. This modern rail infrastructure with a length of 115km is Subproject 2 of German Unity Transport Project No. 8. More than €2.5 billion was invested in building and fitting out this high-speed route, which includes the longest viaduct anywhere in Germany more than 8km in length spanning the Saale–Elster floodplain. Journey time for InterCity Express passengers from Leipzig to Erfurt has now been slashed from 75 to 40 minutes. The opening of the section of track from Erfurt to Ebensfeld and Nuremberg scheduled for December 2017 will complete the rail link comprising new and upgraded sections of track from Berlin to Munich via Leipzig and Halle. As a result, InterCity Express journey times from central Germany for connections in the direction of not just Nuremberg and Munich but also Frankfurt am Main will be substantially reduced.

Top deck for IC2

Since the start of the 2016 timetable, a brand new generation of double-decker InterCity trains has been deployed in Leipzig by national operator Deutsche Bahn. In fact, the first one was named Leipzig New Lakeland. These modern, comfortable, air-sprung vehicles travelling at speeds of up to 160 kph are used on the route from Leipzig to Norddeich via Magdeburg, Hanover and Emden. All the trains in the new IC2 fleet are serviced at Deutsche Bahn's Leipzig repair depot opened six years ago, which spent a year preparing itself for this challenge.

On the right track for rapid arrivals and departures

For some years now, the track layout outside Leipzig Central Station has been gradually reengineered. Since spring 2016, work has concentrated on the northern sections of tracks. Exactly 100 years after the huge station was opened, following the construction of new InterCity Express platforms, tracks for routes to mainly Berlin and Erfurt are being relayed using a totally modernized track plan and upgraded to modern standards. This work is being carried out while keeping the train service running – and when it has been completed, arrivals and departures at Leipzig Central Station will be considerably faster. Other work includes building an additional halt in the borough of Mockau for suburban rail passengers, while the redesigned connection of Deutsche Bahn's Leipzig depot will make for much smoother operation.

Upgrading ICE rolling stock

Just in time for the 25th anniversary of the start of InterCity Express trains in Germany, railway operator Deutsche Bahn ordered the modernization and refurbishment of its rolling stock. Over the course of a precisely scheduled programme entitled RESET lasting several months, a number of depots owned by DB were involved, including the Leipzig depot with its five ICE-T workshops. Both tracks of the depot's maintenance hall were used during the day over a period of months to cope with the intensive throughput of railcars scheduled for modernization. The carriages, which are expected to travel literally millions of kilometres, were upgraded with comfortable seats, new lighting, improved dining cars and redesigned lavatories. The cost of the entire RESET programme amounted to €15 million, €700,000 of which was spent on modernizing ICE railcars in Leipzig.

Centenary of Leipzig Central Station

In December 2015, festivities were held at Leipzig Central Station to celebrate the centenary of its opening. Visitors came from all over Germany to see the exhibition of rolling stock, special trains and stage programme. On a normal day, over 100,000 people pass through this huge, historical and now thoroughly modernized railway station. In recent years, extensive investment has been carried out to extend and upgrade the InterCity Express platforms as well as to improve various bridge structures outside the station. Since spring 2016, work has concentrated on speeding up arrivals and departures. It is scheduled to be completed by December 2017 in time for the opening of the partly new, partly upgraded Nuremberg–Erfurt–Leipzig/Halle–Berlin route.



Extension of the multimodal terminal in Wahren

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

Electromobility delivers suitable solutions for global challenges. Electric vehicles make it easier to make headway thanks to slashed emissions, appropriate vehicle sizes for driving and parking in busy city centres, and flexible commercial transport. And when it comes to electromobility, Leipzig has excellent credentials. Attractive electric cars come off the assembly line at the BMW and Porsche car plants, a network of more than 50 charging stations in public spaces throughout the city provide sufficient capacity for 'refuelling', and the local authority has Germany's biggest municipal fleet of electric vehicles. As far as electromobility is concerned, Leipzig's simply charging ahead!

Leipzig's charging ahead!



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

Automotive & Suppliers

Healthcare & Biotech

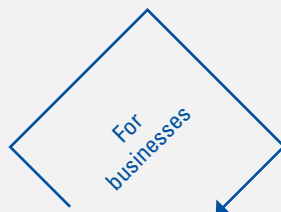
Energy & Environment

Logistics & Services

Media & Creative Industries



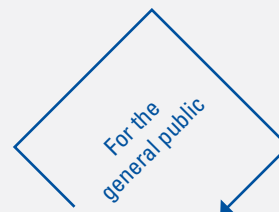
The benefits of Leipzig's cluster policy at a glance



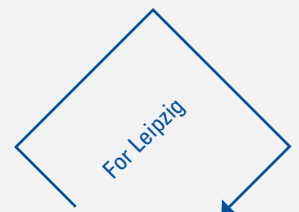
- Collaboration with other companies and universities
- Higher competitiveness
- Tapping global markets
- Greater innovation
- Large pool of skilled labour



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



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



- Above-average economic and employment growth
- Excellent skilled employees
- Stronger innovation ability
- Sharper economic profile
- More direct investment
- Greater competitiveness at a national and international level

Cluster assignment of companies in 2015 based on WZ 2008 (German Classification of Economic Activities)

58.3% not part of a cluster

41.7% part of a cluster according to WZ classification

Cluster assignment of company employees in 2015 based on WZ 2008

41.7% not part of a cluster

58.3 % part of a cluster according to WZ classification

Cluster assignment of taxable revenue for goods and services (excluding VAT) in 2013 based on WZ 2008

31,0 % not part of a cluster

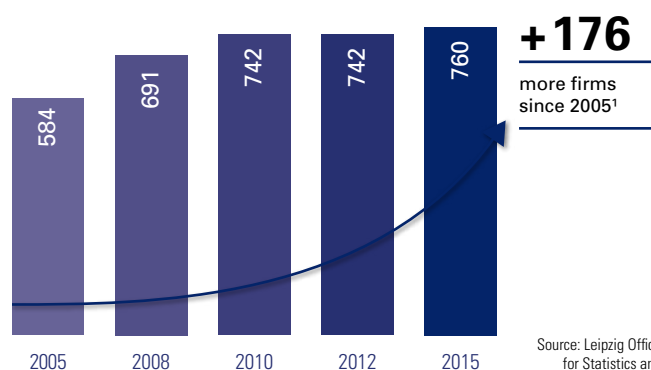
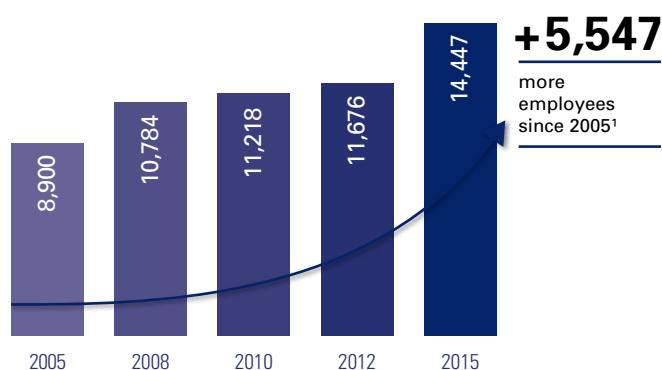
69,0 % part of a cluster according to WZ classification

Source: 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 plant for its 3 Series compact executive cars. In the meantime, more and more component suppliers have followed suit. The presence of Porsche and BMW, two of the world's premium car marques, has done wonders for Leipzig's reputation on the global market.



Automotive & Suppliers



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

Source: Leipzig Office for Statistics and Elections. Calculations by the Office for Economic Development.

Milestones in the development of BMW's Leipzig plant

- 2016** – BMW's production programme in Leipzig comprises the 1 Series five-door hatchback, the 2 Series Coupé and Cabriolet, the 2 Series Active Tourer and the BMW M2 as well as the BMW i3 and i8
- 2014** – Plug-in hybrid BMW i8 sports car and BMW 2 Series Active Tourer go into production
- 2013** – BMW starts volume production of the all-electric CFRP BMW i3, creating about 800 new jobs and investing €400 million
- 2009** – BMW also begins building the X1 in Leipzig
- 2007** – BMW starts producing the 1 Series three-door hatchback, 1 Series Coupé and 1 Series Cabriolet in Leipzig
- 2005** – BMW opens its Leipzig plant, produces 3 Series

Milestones in the development of Porsche's Leipzig plant

- 2016** – Volume production of the next-generation Panamera starts
- 2015** – Topping-out ceremonies for the second body construction plant and an advanced quality centre
- 2014** – Work begins on an extension for the complete production of the Panamera – Porsche starts creating about 600 new jobs
- 2013** – Porsche launches production of the new Macan, creating about 1,500 new jobs
- 2012** – 500,000th Porsche assembled in Leipzig
- 2009** – Porsche starts making the Panamera
- 2003** – Extension built for the exclusive assembly of the Carrera GT
- 2002** – Porsche opens plant, Cayenne goes into production

ACOD Automotive Cluster for Eastern Germany

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

— www.acod.de



Delegates at the 8th ACOD Congress held at Porsche's Leipzig plant in 2015.

Automotive industry in Leipzig remains in the fast lane

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

Network partners get the car industry moving

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

Leipziger Messe: Intec/Z moulds the world of metal

In 2015, the Intec engineering trade fair and the Z Subcontracting Fair were the foremost German platform in the metal industry. This unique combination in Germany was attended by 23,500 trade visitors from 35 countries. With 1,433 exhibitors from 33 countries, Z and Intec proved once again to be a superb forum for the establishment of new business ties between Eastern and Western Europe.



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
- Precision Cast Leipzig

Contact

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Porsche in Leipzig: 16 successful years in Saxony

Ever since construction work began on its Leipzig plant in the year 2000, over the past 16 years Porsche's operations here have grown from strength to strength. Opened in 2002 as an assembly plant with initially 250 members of staff, the factory has been continuously expanded ever since, being transformed between 2011 and 2013 into a fully-fledged production plant. Nowadays, the 4,000-strong workforce builds 650 Cayennes, Panameras and Macans in premium quality every day. And in 2015, over 165,000 Porsches were built in Leipzig.

Next-generation Panamera rolls off the production line

In early summer 2016, the mass production of the next generation of Porsche's luxury four-door sedan, the Panamera, began. To this end, the company invested €500 million in the further expansion of its Leipzig plant. It erected a second body construction plant and an advanced quality centre – and created 600 new jobs.

BMW Leipzig: Spearheading electromobility

The BMW Group's car plant in Leipzig continues to operate at full throttle, with output of petrol and diesel vehicles now running at full capacity of about 800 vehicles daily. They're joined by over 100 electric vehicles: BMW i3s and i8s. In 2015, the plant turned out 233,656 cars – more than ever before. Seven BMW models are currently produced in Leipzig:

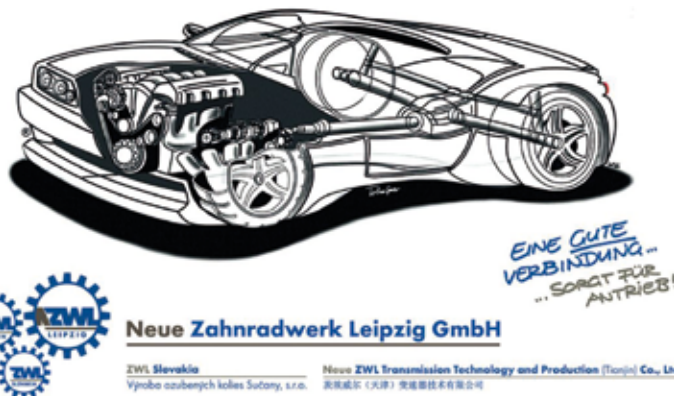
- _ BMW 1 Series (five-door hatchback)
- _ BMW 2 Series Coupé, Convertible and Active Tourer
- _ BMW M2
- _ BMW i3 and i8

Cars in the BMW 1 Series and 2 Series are custom-built to each customer'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. Moreover, with the BMW i3 and i8 being the first mass-produced cars in the world to use CFRP (carbon-fibre-reinforced plastic), the plant is the world leader in smart lightweight construction. All in all, the BMW Group has invested over €2 billion in its Leipzig plant.



Suppliers keep pace with OEMs

The number of automotive component suppliers in the Leipzig region has risen to 170. And they enjoy outstanding prospects thanks to the expansion of OEMs. In addition, more and more networks are emerging with the involvement of research centres and the business chambers.



Halberg Guss: Innovation, quality and perfection

NEUE HALBERG-GUSS GmbH produces components at two locations in Germany and another site in South Africa for nearly all car manufacturers. Its products range from intricate engine blocks to large cylinder blocks for commercial vehicles. Across the world, NEUE HALBERG-GUSS employs about 3,200 people, 660 of whom work in Leipzig. Clients collaborate early on with material technologists and process engineers from NEUE HALBERG-GUSS, which is proud to be an advisory partner driving innovation.

— www.halberg-guss.de

Schautt Mikrosa: Precision and expertise

Schautt Mikrosa GmbH fronts high technology all over the world in cylindrical, non-cylindrical and universal grinding between centres as well as centreless external cylindrical grinding. Many years' experience coupled with the company's insistence on precision and quality place the SCHAUDT and MIKROSA brands among the market and technology leaders throughout the world. Schautt Mikrosa's customers include nearly all internationally famous names in the automotive and printing machinery industries, antifriction bearings, the electrical and hydraulic industries, and mechanical engineering.

— www.schauttmikrosa.com

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 the automotive and supplier industry, aerospace companies, the railway industry and other engineering companies – are based in Leipzig. Innovations developed in the Leipzig region include EMAG's VMC MT series, whose five axes speed up the production of large, complex components.

— www.emag.com



NZWL shifts into top gear

Neuen ZWL Zahnradwerk Leipzig GmbH is enjoying substantial development. Following its successful expansion abroad in 2008 involving the purchase of a production plant in the Slovak town of Sučany, NZWL continued its expansion in 2014 in China. In response to the globalization strategy of its major client Volkswagen as well as on the basis of existing long-term contracts and a long-standing strategic collaboration agreement, the company built a transmission factory in the Chinese city of Tianjin in order to replicate its successful volume production in Leipzig.

The NZWL Group is an international manufacturer of engine and transmission components (including gears, synchronizing components and shafts), gear assemblies and fully assembled gearboxes for the automotive industry with over a century of experience. Its output is divided into three product areas: gears, components and assemblies, and synchronizing components. In 2015, NZWL was a proud recipient of the Volkswagen Group Award.

— www.nzwl.de

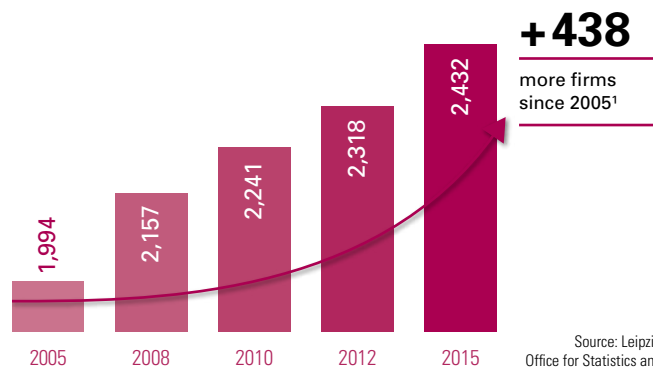
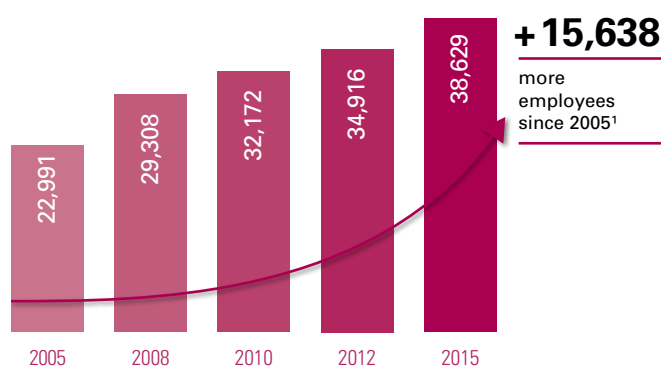
Automotive suppliers: New arrivals and expansions

- Eldra Kunststofftechnik, 240 jobs
- GWP, 10 new jobs
- Fritzmeier, 60 new jobs
- Betrandt, 60 jobs

Leipzig is home to a wide range of advanced university medicine and research as well as regenerative medicine and biotechnology. Leipzig University, Leipzig University Hospital, Heart Centre Leipzig and the IZI Fraunhofer Institute for Cell Therapy and Immunology are just three of the many scientific institutes, hospitals and businesses making up the Healthcare & Biotech Cluster with nearly 38,000 employees as well as 6,000 students and trainees. The many international healthcare conventions and medical exhibitions held in Leipzig such as OTWorld International Congress underline the city's importance as a stronghold of medicine.



Healthcare & Biotech



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

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)

- 2016** – Foundation stone laid for Leipzig University Hospital's new €58 million Clinical Centre
- 2015** – Leipzig University Hospital and Leipzig University found four new centres: ZAMS Centre for Drug Safety, USZE Centre for Rare Diseases, LICA Leipzig Interdisciplinary Centre for Allergology, ZINF Centre for Infectious Medicine
 - 600th anniversary of Leipzig University's Faculty of Medicine
 - 10th anniversary of IZI Fraunhofer Institute for Cell Therapy and Immunology and opening of second extension
 - UFZ invests €14 million in two super-microscopes for probing bacteria/ProVis
- Heart Centre Leipzig opens the world's most powerful cardiac laboratory for electrophysiological studies
- 2014** – Faculty of Medicine's Central Research Building: Second phase
- World Diabetes Day held in Leipzig
- 2013** – Apocell Europe GmbH opened HQ in Leipzig
 - BioCube: New building inaugurated
 - HHL Leipzig Graduate School of Management: Centre for Health Care Management and Regulation opened
 - Leipzig University Hospital: Institute for Transfusion Medicine opened
- 2012** – Haema AG: New building opened

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 integrated 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 with the goal of developing 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.

Practical training

The teaching concept of the Faculty of Medicine is characterized by modern methods, including problem-based learning courses, e-learning, and a mentoring programme. In the skills lab, students can practise on life-size dummies and simulate complex treatment

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

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

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

The high quality of the diagnosis and treatment provided is reflected by continuously rising patient numbers. To meet this high demand, the buildings and infrastructure of the campus in central Leipzig need to be constantly

Health research

These days, the range of university medical research 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, including the IZI Fraunhofer Institute of Cell Therapy and Immunology, the Max Planck Institute for Evolutionary Anthropology, the Max Planck Institute for Human Cognitive and Brain Sciences, the iDiv German Centre for Integrative Biodiversity Research, and the UFZ Helmholtz Centre for Environmental Research.

— www.medicin.uni-leipzig.de

situations at fourteen OSCE (objective structured clinical examination) stations. The quality of teaching is maintained by compulsory training for all those qualifying as university lecturers.



adapted. Therefore, apart from the expansion of vascular medicine, in 2016 work began on the construction of a new clinical centre with urgently needed premises above all for paediatrics and the UCCL University Cancer Centre Leipzig. Due to be completed by 2018, about €58 million will be invested in this building – a valuable investment in more space for medicine at the highest level.

— www.uniklinikum-leipzig.de

Innovation Center Computer Assisted Surgery (ICCAS)

The Innovation Center Computer Assisted Surgery is one of Germany's foremost biomedical engineering institutes specializing in computer-assisted diagnosis and therapy. For more than 10 years, ICCAS has been conducting R&D into biomedical engineering on behalf of the Faculty of Medicine and Leipzig University Hospital by means of interdisciplinary collaboration between computer scientists, engineers and doctors. Its findings are reflected in smart assistance systems for clinicians working in many different aspects of human medicine. They enable the precision of treatment to be improved and any harmful impact on patients to be reduced, and increase efficiency in clinical practice. ICCAS has an extensive international network allowing medical technology to be obtained and transferred. Commercial enterprises can pursue cooperation projects with ICCAS pursuant to the ISO 13485 standard regulating quality management systems for medical devices.

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www.bio-city-leipzig.de

Conventions, exhibitions and events

- OTWorld
International Trade Show and World Congress, 3–6 May 2016
- 97th German Radiology Congress
German Radiology Society,
8,000 delegates, 4–7 May 2016
- Leipzig Echocardiography
Symposium, 18–18 June 2016
- 11th Congress of the German
Society for Palliative Medicine,
7–10 September 2016
- Congress of Surgeons from
Central Germany (Kongresshalle),
8–10 September 2016
- Fachdental Leipzig, 23–24
September 2016
- Annual Conference of the German,
Austrian and Swiss Societies
for Haematology and Medical
Oncology, 14–18 October 2016
- 40th Conference of the German,
Austrian and Swiss Societies
for Ultrasound in Medicine with
the 28th Euroson Congress of
the EFSUMB on Cardiovascular
Sonography, 26–29 October 2016
- 12th Leipzig Healthcare Sector
Forum of VFG
- 9th German Cardiodiagnostics
Conference with 10th Leipzig
Symposium on Non-Invasive
Cardiovascular Imaging,
23–25 February 2017
- LINC – Leipzig Interventional
Course, 24–27 January 2017
- German Radiology Congress,
24–27 May 2017
- 90th Congress of the German
Neurology Society

St George's Hospital: Powerhouse of the healthcare sector

St George's Hospital's 25 departments and 17 locations are staffed by over 3,000 employees. In 2014, its central A&E department treated 50,000 patients, making it the busiest in Leipzig and the second-largest in Saxony. Thanks to advanced surgical procedures and treatment centres as well as first-rate specialists, in recent years its importance has spread far beyond the region. In order to keep its medical care at the highest level, St George's Hospital regularly invests in its clinics and facilities. For example, the St George's Group has opened a new community health centre in the borough of Gohlis. It also now offers new innovative treatment methods (such as for cervical cancer), certified centres (e.g. for endoprosthetics) and much more.

– www.sanktgeorg.de

Commitment to cardiac care

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

– www.helios-kliniken.de/herzzentrum



Vita 34 AG

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

– www.vita34.de

Fischer ANALYSEN Instrumente GmbH

Recipient of innovation awards from both the City of Leipzig and the Free State of Saxony, Fischer ANALYSEN Instrumente GmbH (founded in 1991) is one of the world's most innovative companies in ^{13}C and H_2 breath analysis. FAN's ^{13}C breath test instruments allow Helicobacter pylori infections to be detected reliably and quickly, and also enable the function of the liver and the pancreas as well as gastric emptying time to be easily checked. The H_2 breath test is used to determine intolerance to lactose, fructose and sugar substitutes, diagnose bacterial overgrowth, and to test the motility of the intestine.

– www.fan-gmbh.de



BioCity Campus: Expansion of the life science cluster

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. Research centres in the immediate vicinity such as the IZI Fraunhofer Institute for Cell Therapy and Immunology, the iDiv German Centre for Integrative Biodiversity Research and the Max Planck Institute of Evolutionary Anthropology collaborate with companies based here in the areas of biotech and life science. Moreover, the BioCity campus has land available where commercial companies and research institutions can set up shop and hence benefit from this excellent location.

— www.biocity-campus.de

biosaxony: Saxony's biotech and life sciences cluster

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

— www.biosaxony.com

BIO CITY LEIPZIG and BioCube

Successful start-ups need experienced partners, a reliable network and the right infrastructure. These are all available to founders in the life sciences at BIO CITY LEIPZIG. Containing about 15,000 square metres of laboratories and office space, one of its key advantages is its own healthcare management scheme, which allows young companies to safeguard their employees' health – and hence their expertise. In addition, they profit from the direct vicinity of Leipzig University's BBZ Centre for Biotechnology and Biomedicine at BIO CITY LEIPZIG. Being the hub of the BioCity campus, BIO CITY LEIPZIG offers tenants an opportunity to deepen existing contacts with resident companies and research institutions as well as to develop sustainable growth through new partnerships. Three companies seized these opportunities by moving into BioCube as soon as it was completed in 2013. Vita 34 AG, c-LEcta GmbH and sonovum AG all relocated from BIO CITY LEIPZIG to the adjacent BioCube on account of their growing business and need for larger premises. BioCube is thus a perfect example of success stories begun in BIO CITY LEIPZIG – and represents the success of this vibrant location.

— www.bio-city-leipzig.de

BIO CITY LEIPZIG: New arrivals in 2015–16

- Biophysical Tools GmbH
- iScienceBox
- Vaxxinoa GmbH (expanded premises in 2015)
- Cognate Bioservices GmbH
- ifp Institut für Produktqualität GmbH
- IMMUTHERA GmbH
- Dr. Henke MTE GmbH
- IPDx Immunoprofiling Diagnostics GmbH

Selected networks:

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

BIO-NET LEIPZIG: Transferring technology

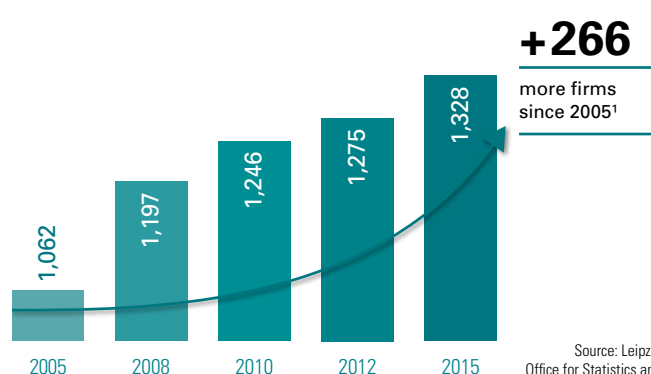
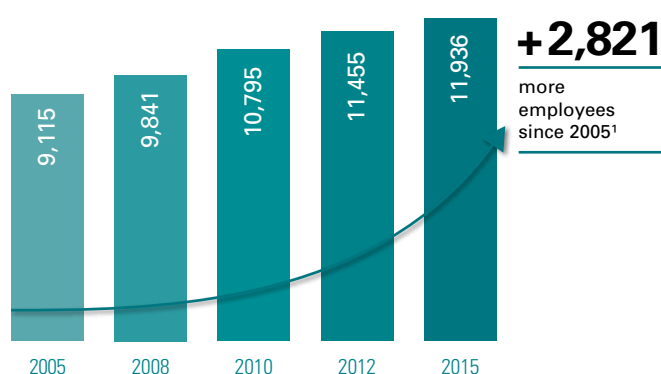
Since 2002, BIO-NET LEIPZIG has been the central port of call for technology transfer at BIO CITY LEIPZIG, yet also operates over a much wider area. A full service provider, BIO-NET LEIPZIG GmbH provides support and advice in the areas of finance, coaching, marketing, PR and special events. In addition, it provides high-quality consulting and management services at the interface of industry, research centres and financial backers in all areas of the life sciences.

— www.bio-net-leipzig.de

The businesses and research institutes in the Energy & Environment Cluster and the Energy & Environment Association are a key growth driver in Leipzig's economy. Scientific research institutions make practical contributions to the energy transition by exploring aspects of energy and environmental policy. The diversity of these sectors is represented by organizations based in the Leipzig region such as natural gas giant VNG, the EEX European Energy Exchange, the DBFZ German Biomass Research Centre, the UFZ Helmholtz Centre for Environmental Research, and plenty of medium-sized firms.



Energy & Environment



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

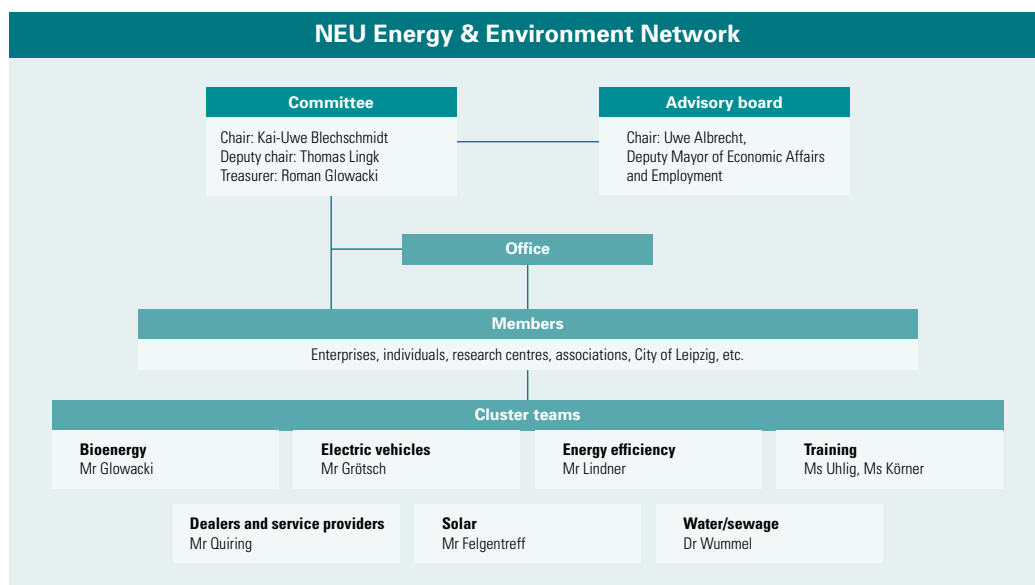
Source: Leipzig Office for Statistics and Elections. Calculations by Leipzig Office for Economic Development.

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

- 2016** – magis consult GmbH founded
- CleverShuttle launched in Leipzig
- iDiv German Centre of Integrative Biodiversity Research: Funding of €36.5m
- 2015** – UFZ: Saxon Centre for the Visualization of Biochemical Processes at the Cellular Level (ProVIS) set up
- EEX European Energy Exchange takes over Parisian gas exchange Powernext
- 2014** – e'lipsia e-motion': First e-rally in central Germany with over 60 vehicles
- 2013** – Bioenergy Innovation Centre founded
- BMW i3 goes into production, ushering in a new era for electric vehicles
- 2012** – BioEconomy Top-Level Cluster launched with Leipzig cluster members
- Bavaria–Saxony Electric Vehicle Showcase begins with participation by cluster members
- iDiv German Centre of Integrative Biodiversity Research founded in Leipzig
- 2011** – HTWK: Endowed Chair of Smart Monitoring and Online Diagnostics in Power Engineering founded
- NEU Energy & Environment Network founded

NEU Energy & Environment Network: Focused expertise

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



Broad energy research sector:

- 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

Energy Metropolis Leipzig: Projects in 2015

- Participation processes in the action plan 'Leipzig – City of Smart Mobility'
- Foundation of e-Allianz Leipzig
- Project by NEU: GISBERT. Bioeconomy Start-Ups
- EU project Celsius

'Leipzig's charging ahead!'

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

Energy Metropolis Leipzig: 9th Expert Meeting

The 9th Expert Meeting of Energy Metropolis Leipzig was held under the banner of 'Leipzig: On the Right Track?' It was jointly hosted by the Leipzig Office for Economic Development and NEU Energy & Environment Network. This regional forum with a national impact was attended by 170 expert participants. The forums addressed themes such as the bioeconomy, electric vehicles and energy efficiency.

e-Alliance Leipzig founded on 3 June 2015

Companies from Leipzig have joined forces to pursue the goal of turning Leipzig into the capital of e-mobility. In the first step, Leipzig City Council has commissioned the development of an action plan.

Networking at energy expos

Members of the NEU Energy & Environment Network and cluster companies were on hand at the City of Leipzig's joint stand at TerraTec, enertec trade and efa.

– www.energiemetropole-leipzig.de



'lipsia e-motion': The biggest e-mobility rally in central Germany

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www.energiemetropole-leipzig.de



Multi-utility Leipziger Stadtwerke generates power and heat at its green, efficient combined cycle power plant in Leipzig as well as from biomass and wind.

Leipziger Stadtwerke: Local energy experts

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

— www.l.de/stadtwerke

European Energy Exchange: The power bourse

Since it was founded in 2002, EEX European Energy Exchange has grown from a local energy bourse into Europe's leading energy exchange. These days, EEX is a corporate group which enters into international partnerships and decisively shapes European energy trading.

Electricity, natural gas, environmental products (e.g. emission allowances and guarantees of origin for renewable electricity), freight rates, metals and agricultural products are all traded on the markets of the EEX Group. It consists of EPEX SPOT, Powernext, Cleartrade Exchange (CLTX), Gaspoint Nordic and Power Exchange Central Europe (PXE) as well as its own clearing house, European Commodity Clearing (ECC).

The EEX Group links up a network of more than 450 trading participants from over 30 countries, including utilities, industrial companies, energy traders, brokers and banks. At the end of 2015, the EEX Group had 441 staff at 13 locations, including 195 in Leipzig. In 2015, group revenue reached a record high of €190.4 million, a huge increase on the previous year's €77.1 million.

— www.eex.com



VNG: The natural gas specialists

The Leipzig-based VNG Group serves the entire value chain of the German and European natural gas industry in its four core areas of exploration and production, sales and services, transmission, and storage. This strategic positioning enables risk diversification and allows different areas of growth within the dynamic market environment to be explored. With over 50 years' experience, the VNG Group makes a decisive contribution to safeguarding the supply of natural gas. In 2015, the VNG Group had turnover of about €9.4 billion and employed a workforce of some 1,400.

— www.vng.de

Tilia GmbH: Aiding local authorities

Tilia is the partner of cities, local authorities, public and private utilities, industrial enterprises and co-investors seeking to develop new projects, make new investments, improve their operations, redefine their strategy and manage increasingly complex challenges in the fields of energy, water, transport and environmental services. The model created by Tilia is flexible. It can range from

consulting and project management support to joint project implementation. Tilia has the necessary expertise in the areas of strategy development and operational optimization as well as the development and assessment of new investments.

— www.tilia.info

UFZ Helmholtz Centre for Environmental Research

UFZ carries out regionally and internationally acclaimed environmental research in a wide range of fields. It produces sound findings, technological solutions and recommendations for decision-makers designed to promote the sustainable use of natural resources and human development. The transfer of technologies and knowledge to society and industry is an integral part of its activities.

UFZ has several innovative research facilities (technology platforms) available for research projects with science and industry in the following areas:

- Microscopy for biology and material science
- 3D-visualization of data and numerical simulations
- Isotope analysis
- Bioreactor systems
- Mass spectroscopy in metabolomics and proteomics
- High-resolution exploration of subsurface structures, integrated Earth observation and the interpretation of satellite data based on ground-truth data
- Equipment for surface water analysis
- Various greenhouses and open spaces for outdoor trials to study the impact of climate change

Through its knowledge transfer activities, UFZ provides a wide spectrum of usable knowledge and develops solutions with various stakeholders in expertise networks. The main beneficiaries are decision-makers in national and international institutions responsible for implementing environmental and natural resources policy as well as all those interested in environmental matters.

– www.ufz.de/index.php?de=34274

Waterworks: Water experts for Leipzig and the region

Every day, municipal waterworks Leipziger Wasserwerke delivers tap water to around 660,000 people in and around Leipzig and handles the green disposal of sewage. To do so, it continues to invest in modern infrastructure of the highest quality. Moreover, it's an important employer and training company. Every year it takes on plenty of school-leavers as apprentices to ensure it will continue to have enough well-trained staff in the future. The company owns three successful subsidiaries: Bau und Service Leipzig GmbH, Sportbäder Leipzig GmbH and Wassergut Canitz GmbH. The waterworks is part of the Leipzig Group safeguarding the quality of life in Leipzig and the region.

– www.L.de/wasserwerke

Sachsen Wasser: International transfer of expertise

Sachsen Wasser GmbH offers consulting and training in water and sewage. For 14 years, the company has been operating primarily in arid regions and political crisis zones. So far, its specialists have explained the principles of efficient, sustainable water management in 130 projects to clients from 35 countries, including utilities, government departments, and education, financing and funding institutions. Many of its projects include the institutional strengthening of partners as they make the transition from state-controlled operations into customer-focused service providers on the free market.

– www.sachsenwasser.com



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

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

Energy transition

Despite widespread consensus in Germany regarding the goals of the energy transition, there are still very different opinions about how it is to be achieved. The individual measures of energy transition policy and their interaction as well as their integration into the European framework are the subject of controversial scientific and public debate – to which UFZ actively contributes its economic expertise.

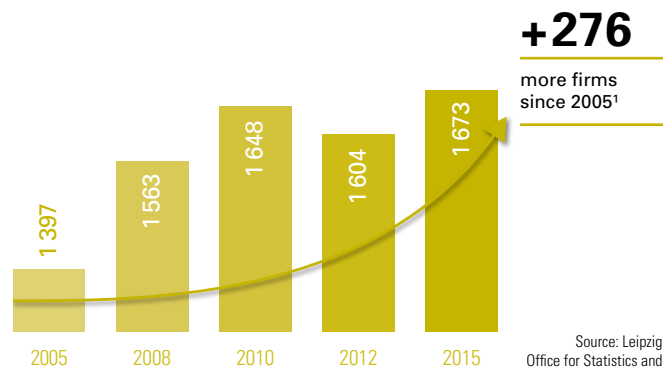
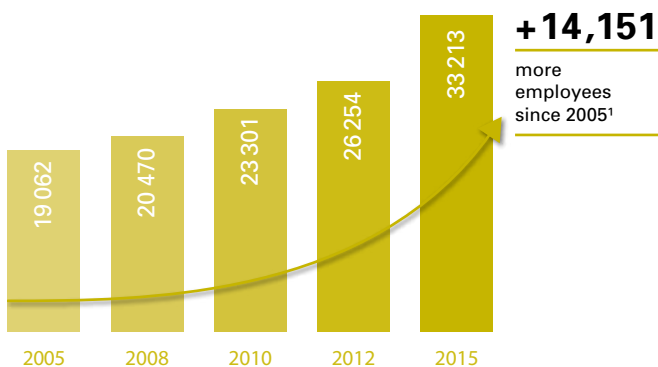
– www.ufz.de/index.php?de=36866



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



Logistics



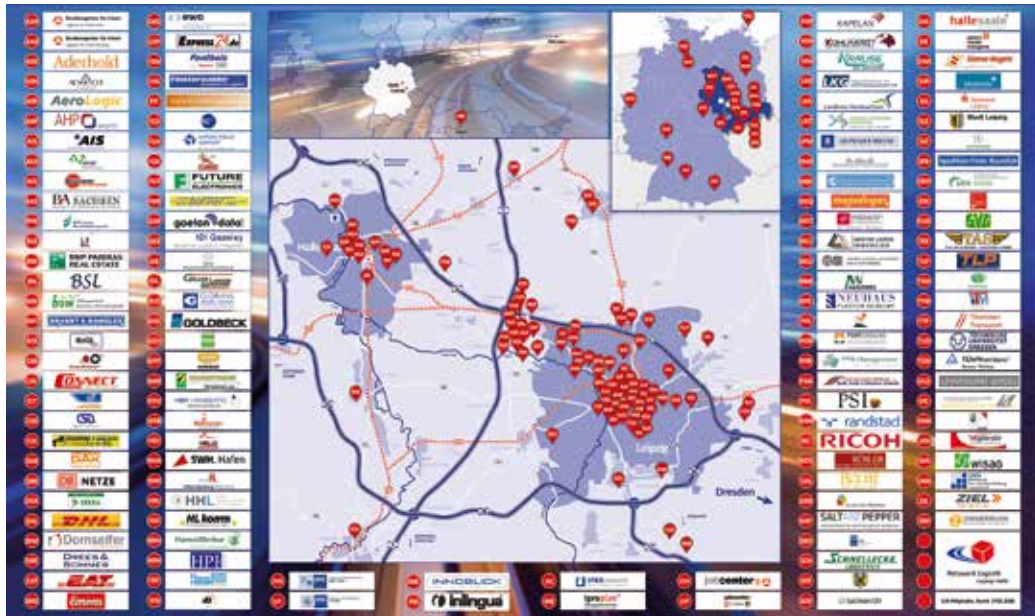
Source: Leipzig Office for Statistics and Elections. Calculations by Leipzig Office for Economic Development.

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

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

- 2016** — VGP Park Leipzig: Construction begins
- DHL Hub Leipzig: 4,400th employee recruited (800 new jobs)
- Amazon: €1.2 million invested in new handling equipment
- 2015** — Kühne + Nagel: Second phase of pharmaceutical logistics centre opens
- Network 2020 restructured
- 2014** — DHL Hub Leipzig: First section of the new sorting depot with a size of 40,000 sqm opens
- REWE's fresh produce centre opens at GVZ freight village
- DHL's Life Sciences und Healthcare centre of excellence opens

- 2013** — A72 (Leipzig–Chemnitz–Hof) completed from Borna (Leipzig linked to Borna by B95 dual carriageway)
- DSV opens in Leipzig to handle logistics for dm pharmacy chain
- BMW: Volume production of the all-electric i3 starts, 800 new jobs
- City-centre railway tunnel opens
- DB Schenker: Expansion, 500 new jobs
- Deutsche Hendricks Logistik GmbH opens
- Dräxlmaier: Expansion, 150 new jobs



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

The Leipzig–Halle Logistics Network has stood up for the interests of the logistics sector in central Germany since 2008. With currently 124 members, it represents the main players in the region – not just logistics providers but also local authorities, business chambers, research centres and establishments of higher education. Its aims are to promote the members' joint business and provide new stimulus through innovation and know-how transfer.

To cope with its growing tasks and enable closer integration for members, in 2015 the network's organizational structure was expanded. Alongside expert groups on logistics cooperation, human resources, marketing and innovation, this has allowed overarching matters such as events, communication, project development, relocation,

transport policy and business development to be tackled more effectively than before.

By appearing at key logistics expos such as transport logistic 2015 in Munich and the International Transport Forum in 2016, the network actively campaigns for central Germany's logistics industry – and hence strengthens one of the region's most important sectors. Another important area of its work is supporting member companies with HR development. In order to safeguard the future supply of skilled labour, the network regularly teams up with Leipzig/Halle Airport to host a Logistics Job Fair.

— www.logistik-leipzig-halle.net

International Transport Forum: Moving the future

The International Transport Forum (ITF) has been held every year since 2008 at Congress Center Leipzig (CCL). It focuses on dialogue between government representatives and decision-makers from business, research and society. Under the banner of 'Green and Inclusive Transport', ITF 2016 was attended by over 1,000 participants from around 70 countries, including transport ministers, deputy ministers and permanent secretaries from the 54 OECD member states as well as representatives of international transport organizations, the business community and professional associations.

— www.internationaltransportforum.org

Endowed Chair in IT and Logistics

The Endowed Chair in Business Informatics with Special Emphasis on Information Systems in Logistics was set up at Leipzig University in 2012. The aims of its research are to coordinate, monitor and implement smooth collaboration among logistics contractors within service networks. This is the first time that an endowed chair has been mainly funded by members of the regional logistics sector, including:

- The Leipzig–Halle Logistics Network
- Fadelia GmbH
- IT Sonix AG
- itemis AG
- SALT Solutions GmbH
- Senacor Technologies AG

Overview of members of the
Leipzig–Halle Logistics Network



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

— www.cluster-analysis.org



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

— www.clusterplattform.de

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AeroLogic: A central German carrier

AeroLogic GmbH, a joint venture set up by Lufthansa Cargo and DHL Express, operates one of the world's most advanced fleets of intercontinental freighters at Leipzig/Halle Airport comprising eight Boeing 777Fs. AeroLogic currently flies to 20 destinations in Europe, the Middle East, Asia and North America. It links the transport hubs of Leipzig and Frankfurt to the main global destinations of its two parent companies. AeroLogic delivers some 2,000 tonnes of mostly time-critical express freight on behalf of its shareholders every week.

— www.aerologic.aero

DHL's hub at Leipzig/Halle Airport

The expansion of DHL's European air freight hub at Leipzig/Halle Airport is almost complete. The building for the new sorting depot 40,000 square metres in size (about twice the size of the old one) is now ready, meaning handling capacity for express mail can be boosted by more than 50% to 150,000 consignments per hour. The first section of the new sorting office was opened in Q4 2014 and sorting equipment is currently being installed. Since starting work on its hub in 2008, DHL has invested a total of €510 million there. The expansion programme

alone is costing €150 million and has created 800 new jobs. All in all, over 4,400 people are employed at DHL's air freight hub, more than 700 of whom work for European Air Transport GmbH, DHL's aviation arm. EAT is chiefly responsible for operating, servicing and maintaining DHL's own freighter fleet and currently manages about 60 aircraft at Leipzig/Halle Airport. EAT's 250 or so pilots fly Boeing B757s and Airbus A300-600s mainly on the network's European routes.

New DHL Life Sciences and Healthcare centre of excellence

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



European maintenance base for the world's biggest aircraft

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) and the Antonov

124-100 in line maintenance. In addition to a C14 rating (wheels and brakes), the company also has C4, C8 and C20 ratings (Structure Repair Shop).

— www.amtes.de

DB Schenker: Diversity is key

At its sites in Leipzig, Schenker Deutschland AG is excellently poised to offer suitable solutions to its clients' individual requirements. It offers 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 so that they can be safely shipped to BMW assembly plants abroad. At another site, the company handles the just-in-sequence delivery of components to vehicle manufacturers' production lines. Industrial customers also appreciate DB Schenker's outstanding service. For instance, DB Schenker organizes the supply of spare parts throughout Europe for Vestas wind turbines and in-house logistics for Jungheinrich. In addition, other clients benefit from DB Schenker's logistical expertise at its Shared Logistics Centre.

— www.dbschenker.com



Kühne + Nagel

With some 67,000 workers at over 1,200 locations in more than 100 countries, Kühne + Nagel is one of the world's foremost logistics corporations. Back in 2013, Kühne + Nagel unveiled its state-of-the-art logistics terminal at GVZ for the logistics of pharmaceutical products. The centre complies with the pharmaceutical industry's GMP (good manufacturing practices) standards. The units with a total area of 20,000 square metres (accommodating 36,000 pallets) enable temperature-controlled storage between 15 and 25°C as well as additional cooling down to 2–8°C in some parts. The desired climate parameters are verified by temperature recording and monitoring. Apart from storage and distribution, Kühne + Nagel provides value-added services such as order picking, packing, repacking and sampling. Kühne + Nagel occupies a site with a total size of about 90,000 square metres at the GVZ freight village.

— www.kn-portal.com



The following firms have moved into the former Quelle building:

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

Amazon.de

Amazon sold its very first book 21 years ago in the USA in July 1995. In Leipzig, the company has operated a fulfilment centre with a storage area of some 75,000 square metres since 2006. In 2016, Amazon invested about €1.2 million in the upgrade of its handling equipped to optimize the processes at its fulfilment centre in Leipzig. It currently has a headcount of nearly 2,000, over 1,100 of whom have been with Amazon for more than five years. An important member of Amazon's logistics network currently comprising 29 fulfilment centres in 7 countries, the Leipzig operation dispatches goods to customers in many countries all over the world.

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

momox

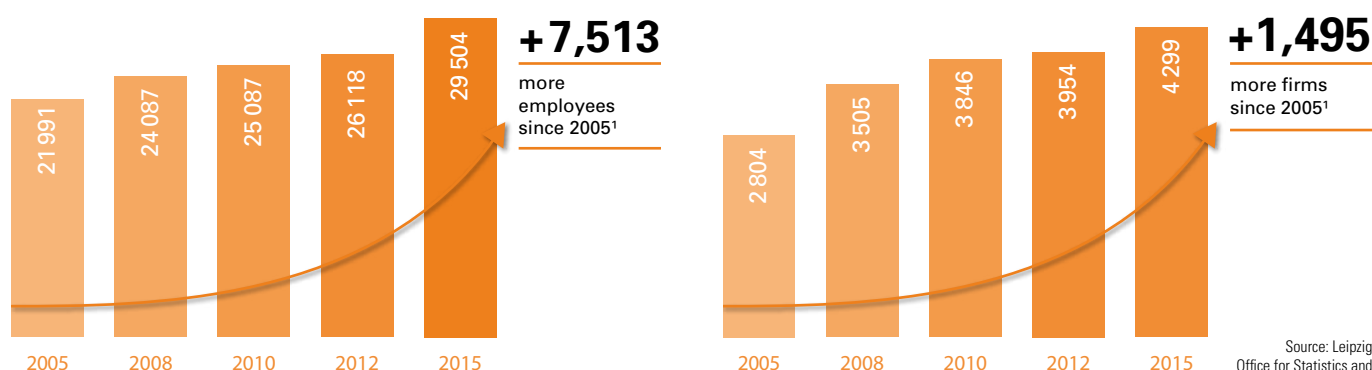
momox GmbH is Germany's leading recommerce provider of books, DVDs, Blu-Rays, CDs, games and clothing. The online trade-in and second-hand store is also one of the world's biggest sellers on eBay and Amazon. momox currently employs more than 1,000 people at its three locations in Leipzig, Berlin and 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 8 million items are stored on 60,000 square metres – and they're joined by as many as 100,000 new articles (and counting!) every day. Therefore, momox is always on the look-out for additional staff – and not just at its giant warehouse next door to the Leipziger Messe expo centre.

— www.momox.biz

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



Media & Creative Industries



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

Source: Leipzig Office for Statistics and Elections. Calculations by Leipzig Office for Economic Development.

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

- 2016** — Generali Deutschland Services GDS expands to Leipzig, 30 employees, 100 employees by 2017
- Bosch Service Solutions GmbH expands to Leipzig, 200 jobs
- 2015** — Leipziger Messe: 850th anniversary
- Kongresshalle reopened
- 2014** — Music publisher C. F. Peters Ltd & Co. KG 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 opens
- 2010** — Leipziger Verlags- und Druckereigesellschaft: Premises converted and expanded
- 2010** — Softline AG and Softline Solutions GmbH relocate to Leipzig
- 2009** — buw customer care operations Leipzig GmbH opens
- 2007** — Competence Call Center Leipzig GmbH founded
- 2006** — DATA-team GmbH makes Leipzig branch its head office
- Villa Ida Media Campus (home of Leipzig School of Media gGmbH) opens
- 2005** — Radio PSR relocates to modern broadcasting centre at Thomasgasse 2
- GRASSI OPEN (since renamed Designers' Open) launched
- Eigen + Art gallery moves into disused industrial premises at the Baumwollspinnerei arts complex

One cluster, seven sub-sectors

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

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

MTM Central German Media Meeting and German–Polish Media Conference

Every May, this three-day conference is attended by experts from the media, politics, business and higher education. It's hosted by a special working group on which the City of Leipzig is also represented. Key issues regarding the changes resulting from increasing digitalization, the media sector's potential for innovation, and the protection of minors are debated on a series of panels by prominent advisers from public and commercial broadcasters as well as representatives of regional media institutes, media companies and higher education.

The 2016 German–Polish Media Conference held in parallel to the MTM focused on current political issues affecting both countries. In various thematic workshops, invited guests analysed the political influence on the media and the principles of arts policy in the two countries.

Key events for Germany and abroad

Trade shows, industry meetings and events of national and international importance such as the Leipzig Book Fair, Designers' Open, the IT Sector Conference, the RoboCup, DreamHack, the Central German Media Meeting, 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 from the same sector.



INFORMATION AND
COMMUNICATION TECHNOLOGIES

PRINTING AND
PUBLISHING

BROADCASTING
AND FILM

ARTS AND
MUSIC

ADVERTISING
AND PR

ARCHITECTURE
AND DESIGN

TRADE SHOWS
AND SERVICES

Pooling strengths: Networking for success

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

2016 Leipzig Book Fair: Reading, listening, dialogue

The annual Leipzig Book Fair is Germany's foremost spring meeting place for the printing and publishing sector. It's enormously popular among the general public, largely thanks to the inclusion of Leipzig Reads, Europe's biggest literary festival. In 2016, 260,000 visitors celebrated the words and works of 3,000 participants and 2,250 exhibitors in 3,200 events held at 410 reading locations. In Leipzig, the makers of books from 42 countries set an example for freedom of expression as well as cosmopolitanism and creative enthusiasm for literature.



Cluster website

For two years, the website www.kreativwirtschaft-leipzig.de has provided information about events and alerts as well as important facts about the cluster to all those working in the media and creative industries. An extensive database of local firms helps them in their marketing. The Creative Industries Contact Centre coordinates this well-received website and remains the first port of call for members of this cluster.

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mdr: Broadcasting to central Germany

This state broadcaster – a member of the German public network ARD – provides a full TV channel and eight radio stations for the regions of Saxony, Saxony-Anhalt and Thuringia. It's also in overall charge of the KiKa children's channel on behalf of ARD and ZDF and is responsible for many successful TV programmes shown on ARD. With a market share of 9%, mdr is the most successful regional channel in ARD (despite being the youngest!). Under its Vision 2017 restructuring strategy, the company is to be transformed into a multimedia corporation. In this connection, a multimedia main editorial office and two multimedia brands (MDR AKTUELL and MDR KULTUR) were launched on 1 January 2016.

— www.mdr.de

REGIOCAST: A German radio company

REGIOCAST is one of Germany's top radio companies. Holding shares in several regional commercial broadcasters, REGIOCAST has built up a radio network of national weight. In its Leipzig studios, REGIOCAST runs Radio PSR and R.SA – Mit Böttcher & Fischer (the foremost commercial stations in the region) as well as radio advertising company mir.). Based in Leipzig, Kiel and Berlin, REGIOCAST maintains about two dozen radio stations and shareholdings, and is also a full-service provider in the areas of planning, radio services and new media solutions.

— www.regiocast.de
— www.mirmedia.de



Training and research institutes in the Media & Creative Industries:

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

Mercateo: B2B procurement

Europe's leading B2B procurement platform, Mercateo combines the benefits of a B2B marketplace and a networking platform. Buyers, suppliers, manufacturers and service providers can connect their systems to each other via this infrastructure and execute transactions digitally, regardless of their previous level of digitalization. Apart from the networking platform, which is neutrally positioned between suppliers and buyers in the B2B sector, since 2000 Mercateo has also operated what is now the largest B2B marketplace in Europe. The company employs over 400 people in 13 countries, including more than 140 in Leipzig.

— www.mercateo.com/corporate

Cooperation agreement between the City of Leipzig and the IT Cluster Central Germany

The cooperation agreement between the City of Leipzig and the association IT Cluster Central Germany was signed on 18 May 2015 by Uwe Albrecht, Leipzig's Deputy Mayor of Economic Affairs and Employment, and Michael Krüger, Chair of the IT Cluster and CEO of GISA GmbH, on behalf of IT Cluster Central Germany. The aim of the agreement is the sustainable development and marketing of Leipzig as a hub of investment and innovation and an important centre of central Germany regarding information and communications technology.

makai Europe: Pure fascination

makai Europe is a marketing and events agency which has wholeheartedly embraced the motto 'BRAND new ways'. Using unusual measures in the field of experience communication, it helps its clients, including brands such as Duracell, Jägermeister and bruno banana, to adopt alternative approaches and create eye-catching campaigns. It concentrates on digital solutions such as social media support and the production of viral content as well as forging brand experiences off the screen. It also plans to grow and expand its expertise into other areas – such as organizing conferences for creatives and marketing managers.

— www.makai-europe.com

German National Library: Long-term preservation, worldwide usage

The digitization of works from the stocks of the German National Library serves the long-term preservation of their content. It also enables them to be used around the world for research. However, publications can only be posted on the internet once copyright and ancillary copyright have been taken care of. Until recently, works could only be made generally available if all the rights-holders had died at least 70 years beforehand, placing the works in the public domain. However, a new law which entered into force in 2014 and applying to books which came out before 1966 and are now out of print provides for a 'licensing service for out-of-print works'. This service was launched free of charge by the German National Library in 2015 and is aimed at libraries and archives wishing to make out-of-print works from their stocks digitally accessible. So far, the German National Library has digitized more than 75,000 works. Around 14,000 of them are in the public domain or licensed and have been made available worldwide; all the other works can be inspected in the reading rooms. Digital copies can be perused in the portal at www.dnb.de.

— www.dnb.de

Betoniui: Rejuvenating a familiar material

Betoniui is a production workshop established in 2007 crafting products out of concrete. A specialized team works the natural material concrete to high standards for its own products and on behalf of international clients. The seven members of staff developing, producing and distributing home accessories and furniture made out of concrete in Leipzig are driven by curiosity about the material's capabilities. Betoniui participates in national and international development projects, often in cooperation with other companies and research institutions. Its aim is to push back the boundaries of concrete and extend its usage into other markets.

— www.betoniui.com



Arts and music: Leipzig's free spirit

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

DEPARTURES Film GmbH

DEPARTURES Film develops and produces films for the domestic and international market. In addition to established directors, the two producers Undine Filter and Thomas Král pay special attention to young, regional filmmakers. With Thomas Stuber in the director's chair, DEPARTURES Film shot the feature film Herbert almost exclusively in Leipzig. This story of a boxer afflicted by motor neurone disease won three Lolas (German Film Awards) in 2016 in the categories best feature film (silver), best actor (Peter Kurth) and best makeup.

— www.departuresfilm.de

MDM: Promoting the media

MDM Central German Media Promotion has supported economically promising film and media productions in central Germany in all project phases since 1998. The City of Leipzig and MDM are joint hosts of an annual conference designed to fly the flag for Leipzig and central Germany as a production location for audio-visual media, conduct networking outside the region, and intensify the possibilities of cooperation between industry representatives from the region and abroad. In 2016, prominence is being given to cooperation with the Netherlands.



Industrial sector: Record turnover in 2015



Although industrial companies in Leipzig remained in good shape at the end of 2015, their mood wasn't quite as upbeat as in 2014, the balance of current business dropping by 3 points to +38 points. Despite overall substantial growth in turnover (largely thanks to the automotive industry), development varied. Thus it was that the turnover of some industrial sectors important to Leipzig such as metal work, mechanical engineering and food production declined.

Owing to the increased output of the automotive industry in Leipzig, industrial turnover in the entire region rose sharply to a new high. In 2015, the 498 industrial companies¹ in the region covered by Leipzig Chamber of Commerce and Industry recorded sales of €14.86 billion, an increase over 2014 of more than €1.4 billion or 10.6%. Foreign sales climbed even more strongly, rising by 18.5% to €6.89 billion. As a result, the share of exports also grew from 43.3% to 46.4%.

Due once again to carmakers, the figures for the city of Leipzig are even more favourable. Total turnover of the 165 industrial companies in Leipzig grew by 15.2% to €9.95

billion, the share of foreign sales rising by 22.19% to €5.58 billion. As a result, two-thirds of industrial turnover in the region covered by Leipzig Chamber of Commerce and Industry was accounted for by the city of Leipzig itself. Average employment in the industrial sector also rose over the course of 2015. In the Leipzig region, the average number of employees climbed by 1.6% to 44,281, while in Leipzig the average number of staff increased by 4.7% to a total of 21,131.

Business forecasts among industrial companies for 2016 are on the whole somewhat muted. The balance of business expectations is currently at +12 points, 7 points down on the previous year. Firms have been made nervous by the prospect of reduced exports. And this has had a negative impact on recruitment and investment planning, both of which have declined somewhat.

¹ Companies subject to reporting requirements with 20 or more employees
Sources: Economic Report by Leipzig Chamber of Industry and Commerce, 2016; Saxon Department of Statistics

HeiterBlick: Giving trams momentum

HeiterBlick is a specialist manufacturer of customized trams and rapid transit rolling stock. Its product range extends from different types of low-floor vehicles to 100% high-floor vehicles. High emphasis is placed on the company's proven bogie technology, entailing no unusual requirements regarding track construction or tracking. As a result, HeiterBlick's rolling stock is distinguished by excellent travelling characteristics and high passenger comfort as well as its robustness and low maintenance. HeiterBlick was founded a century ago in the eponymous district of Leipzig as the main public transport repair shop. Nowadays it employs over 120 people.

— www.heiterblick.de



Ball bearings and roller bearings from KRW

Based in the Leipzig borough of Böhlitz-Ehrenberg, the 200 members of staff at Kugel- und Rollenlagerwerk Leipzig GmbH develop, produce and distribute quality bearings for customers across the globe. The brand 'KRW Made in Germany' is used in particular in heavy industry, railways and transportation, energy and power plants, mechanical engineering, shipbuilding and port equipment. In addition to medium-sized and large standard bearings, KRW also attaches special importance to application-specific solutions developed in close cooperation with the customer. Leipzig public transport operator LVB also relies on wheelset bearings made by KRW.

— www.krw.de

Outstanding business for skilled trades

The economic barometer in the skilled trades in the Leipzig region continues to reach record figures and firms remain optimistic about the future. Nine out of ten firms (91%) are satisfied with their state of business. The business climate index rose by 2 percentage points compared to spring 2015 to 93.6 – a new record and the fifth year in a row that it has exceeded 90. Average capacity utilization rose by 0.3 percentage points compared to 2015, reaching 82.9%. Nearly one in three firms (30.5%) are working to full capacity. Orders on hand amount on average to 7.8 weeks' work, a slight reduction on the 8 weeks recorded last year. Whereas nearly a quarter of firms have raised their prices, 71% have kept their prices constant.

The good business and optimistic mood are reflected in firms' HR policy. The number of staff has risen compared to last year, and one in ten companies planned to take on additional employees in early summer.

— www.hwk-leipzig.de

Regional strength in Germany's most diverse sector

All in all, 12,044 skilled trades firms are registered with the Leipzig Chamber of Small Industries and Skilled Trades, including 5,165 in the city of Leipzig itself (31 December 2015). With 9.4 firms per 1,000 inhabitants, the density in Leipzig is below that of the region as a whole (12.0). A quarter of skilled trades firms in the Leipzig region – 2,253 of the 9,300 owner-managed businesses – are successfully managed by a woman.

The potential of master craftspeople

Skilled tradespeople with master craftsperson qualifications have enormous economic potential. Every year, more than 250 tradesmen and 50 tradeswomen take master craftsperson qualifications with Leipzig Chamber of Small Industries and Skilled Trades, making a total of 7,511 since 1992. Almost half of them went on to set themselves up in business. They now employ about 20,000 people and have to date trained more than 2,000 apprentices. Start-up activities in skilled trades in the region have mainly concentrated on electricians and metalworkers, the construction and finishing trades, and health and personal care. However, in addition to founders, successors are also in demand. In the district covered by Leipzig Chamber of Small Industries and Skilled Trades, about 2,000 proprietors and partners will become 60 years of age or even older this year. Accordingly, 16% of member companies will have new ownership in the coming years.



Bonus for start-ups

The City of Leipzig provides grants of €2,500 to people with master craftsperson qualifications who start a business for the first time or take over an existing firm. Bonuses and certificates were presented by Uwe Albrecht, Deputy Mayor of Economic Affairs and Employment, and Claus Gröhn, President of Leipzig Chamber of Small Industries and Skilled Trades. By June 2016, 33 master craftspeople had received a grant from the City of Leipzig under its programme for growth and expertise in SMEs.



On 20 October 2015, 14 master craftspeople qualifying for a start-up grant received their certificates from Uwe Albrecht, Deputy Mayor of Economic Affairs and Employment, and Claus Gröhn, President of Leipzig Chamber of Small Industries and Skilled Trades.

After completing their apprenticeship, travelling journeymen traditionally spend three years and a day roving without the comforts of home. Three of them are shown here calling in at Leipzig Chamber of Small Industries and Skilled Trades before seeking work in the region.

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The year 2015 was the 850th anniversary of the Leipzig Fairs.

Planning exceeded in Leipziger Messe's jubilee year

In its 850th anniversary, the Leipziger Messe Group enjoyed an extraordinarily successful year with revenue of €79.9 million, an increase of €2.9 million. A total of 11,293 exhibitors and more than 1.1 million visitors contributed to the success of the 220 events (36 trade shows, 142 conventions and 42 special events) in Leipzig as well as at other domestic and international locations.

Anniversary highlights for and with Leipzig

The granting of town and market rights in around 1165 to the place known as 'urbs Libzi' laid the foundation stone of Leipzig as a centre of commerce and trade shows. The 850th anniversary was celebrated by Leipziger Messe with a host of celebrations. The string of jubilee highlights kicked off with the special exhibition 'There's a double

M in Leipzig' during HOUSE-GARDEN-LEISURE. They continued with the International Trade Show Seminar, an international conference on the history of the Leipzig Fairs, and a reception in the stunningly arranged Glass Hall, which was attended by 850 representatives of the trade show sector, partners and clients from Germany and abroad. Meanwhile, the people of Leipzig experienced 'their Leipzig Fair' at the Arcade Festival, took advantage of an open day organized at the newly reopened Kongresshalle at Leipzig Zoo, and visited exhibitions on the history of the Leipzig Fairs at the Museum of City History and Germany's first children's museum devoted to trade shows and exhibitions. A fitting finale was the reception at the Mission of the Free State of Saxony to the Federal Government in Berlin.

A formal setting was conjured up in the Glass Hall for the reception marking the 850th anniversary and attended by representatives of the trade show sector, partners and clients.



Portfolio actively developed

In 2015, Leipziger Messe managed to develop many of its event concepts and hence strengthen its portfolio. At the start of the year, the Intec engineering trade fair and the Z Subcontracting Fair attracted more exhibitors and visitors than ever before as they consolidated their role as the leading industry forum in Europe. Public favourites HOUSE-GARDEN-LEISURE and the Central German Handicrafts Fair proved their popularity with high numbers of visitors. The unique 4+1, a trade fair for product individualization, made its debut. The Leipzig Book Fair, the reading festival 'Leipzig reads' and the Manga-Comic-Con delighted 251,000 visitors. therapie Leipzig turned the exhibition complex into Germany's largest treatment and rehabilitation centre with significant growth in visitors and exhibitors. In summer, vivanti, the primary order fair for North Rhine-Westphalia, switched to Dortmund and was also held for the first time in cooperation with Messe Frankfurt. By organizing the ISPO World Congress in the French city of Lyon, Leipziger Messe underlined its medical expertise, including on an international stage. efa – the 14th trade fair for building systems, electrical engineering, light, air conditioning and automation – closed with high satisfaction rates among the organizers, exhibitors and visitors from the German construction and electrical engineering industry.

Congress Center Leipzig and subsidiaries build on their success

Central to the successful congress business in 2015 was the opening of Kongresshalle, the congress hall at Leipzig Zoo. fairgourmet can also look back on a successful year, which has included catering for events held at Kongresshalle since May 2015. In addition, the range of products available in its new online shop and cooperation with regional producers were continuously expanded. FAIRNET, too, continued its positive development thanks to projects with new and existing clients at national and international exhibition centres and major events, including in connection with Leipzig's millennium. FAIRNET, a subsidiary of Leipziger Messe, opened its own office at Messe Düsseldorf, where it successfully offers extensive services for individual exhibition booths. Leipziger Messe's guest events also enjoyed a successful year thanks to an even wider range of special events staged in HALL:ONE and popular visiting trade shows, not to mention increased numbers of visitors. Meanwhile, Leipziger Messe International (LMI) recorded its best financial results for ten years. A total of 30 events staged either independently by LMI or in conjunction with other organizations as well as joint exhibition appearances were organized all over the world in 2015. And MaxicoM GmbH also had a successful year, signing new leases with 16 companies.

Welcoming refugees

Since the beginning of the influx of refugees arriving in Germany, German trade fair venues have provided impressive proof that they are welcoming, intercultural platforms of humanitarian care and communication. They quickly used their strengths to accommodate asylum-seekers, such as their outstanding infrastructure and comprehensive service capabilities from project management to setting up accommodation, and not least the great personal dedication of all their employees!



In this spirit and full of conviction, Leipziger Messe has supported the Free State of Saxony and the City of Leipzig with the accommodation of asylum-seekers since September 2015.

Unbeaten service quality

The fact that Leipziger Messe attaches great importance to going the extra mile for all its visitors was underlined by its renewed status as service champion. Once again, the Leipziger Messe Group came top of Germany's biggest service ranking in a survey carried out in the trade show industry. The annual ranking compiled by surveying about 1.5 million customers was carried out by ServiceValue GmbH on behalf of newspaper Die Welt in cooperation with Goethe University Frankfurt. The results emphasized the high level of customer satisfaction achieved by means of helpfulness, high-quality advice and a service-oriented atmosphere.



Organized in parallel at the Leipziger Messe exhibition centre, the Intec engineering trade fair and the Z Subcontracting Fair attracted more visitors than ever before.

Aqua training at the therapie Leipzig trade show and congress – the leading German exhibition for therapy, medical rehabilitation and prevention

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New office for Generali Insurance

Generali will open its new office in Leipzig on 1 October 2016. This branch of the second-largest German primary insurer will initially have about 30 members of staff – a figure set to rise to about 100 by mid-2017. “When weighing up criteria such as the labour market, real estate and infrastructure, Leipzig won out,” explained Dr Robert Wehn, CEO of GDS.



Bosch opens business service centre

Stuttgart electronics giant Bosch opened a centre for business services in Leipzig in May 2016. This is the fourth centre of subsidiary Bosch Service Solutions. By the end of the year, around 200 jobs will be created. The plan is to expand the centre in the coming years.

Service sector: Wide-ranging support for the economy

Service sector remains buoyant

There was only one direction for development in the service sector in 2015: up! Due to high demand, the state of business of service providers steadily improved. By the end of the year, the business climate balance rose again sharply by 10 points to +57 points, another new record. The service sector was also far more optimistic than any other economic sector, with business being described as good by 61% of firms and only 4% dissatisfied. Although business forecasts for 2016 have declined slightly in the service sector, the balance dropping by 4 points to +19 points, the underlying trend remains optimistic. In particular, improved incoming orders have raised hopes of turnover continuing to rise. Both investment and staff planning among service providers remain at almost the same level as last year.

Source: Economic report published by Leipzig Chamber of Commerce and Industry, 2016

In 2015, 41 young men and women embarked upon a career at Sparkasse Leipzig.



City of justice

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

Sparkasse Leipzig: Reliable, committed, on the doorstep

Local bank Sparkasse Leipzig has been in existence for 190 years. Its philosophy has always included proximity to customers, creating value for the regional economy, and supporting the common good. Every day, about 600,000 customers rely on Sparkasse for their finances. With 140 branches and service outlets in Leipzig and the districts of Greater Leipzig and North Saxony as well as expanding digital services, it can be reached by its customers on all channels.

Sparkasse Leipzig is the foremost financial partner for personal and business customers in the region. In 2015, it granted loans with a total volume of €856.4 million to businesses, individuals and local authorities. About 58.3% of this amount comprised new loans to business customers, making Sparkasse Leipzig an important catalyst for the regional economy. At the end of the year, Sparkasse Leipzig had a balance sheet total of over €8.85 billion. It's also one of the region's biggest employers with 1,671 staff at the end of 2015.

Sparkasse Leipzig's closeness to the region is reflected in its social commitment. In 2015, the bank donated some €5 million to about 900 charitable causes in its local area.



Retail: Brisk trade thanks to higher disposable income

Improved consumer confidence had shop tills ringing in the retail sector in 2015. Positive impulses came from higher incomes as a result of increasing employment, higher earnings, and purchasing power gains due to lower fuel and energy prices. As a result, retailers were more upbeat than ever. At the end of 2015, the current business balance rose to +37 points, eclipsing its previous record reached a year earlier by a point. A similar picture can be seen in wholesale, where the upwards trend was also maintained. As business partners for a variety of production and consumer-related industries, wholesalers benefited from solid, broad-based economic recovery. As a result, wholesale also recorded a new all-time high in terms of its business situation at the end of 2015, rising by 12 points to +43.

In future, too, retail could continue to profit from consumer confidence resulting from the stable labour market, income growth, low interest rates and rising disposable

income as a result of lower fuel and energy prices. The balance of business expectations remains unchanged at just over +8 points. The overall positive image is slightly tarnished by rising employment costs and increasing competition from large vendors and online sales.

By contrast, the forecasts for wholesale are much more muted. With a balance of business expectations of +3 points, companies are considerably more pessimistic than in spring 2015 (+18 points). In particular, wholesale forecasts for the sale of machinery and equipment have been reduced, echoing customers' modest expectations in the industrial sector.

Source: Economic report published by Leipzig Chamber of Industry and Commerce, 2016



Primark Leipzig

On 7 April 2016, Primark opened a new store at the end of Hainstrasse in central Leipzig, creating 334 new jobs. With a sales area of 5,800 square metres and about 2,000 square metres of offices and warehouse space, it's one of the company's biggest stores in Germany. The opening of Primark has substantially increased footfall in the north-west area of the city centre near the avenue known as Brühl.

Leipzig: 1,000 years of commerce

It was Leipzig's location at the crossroads of two ancient trade routes (the east-west Via Regia and the north-south Via Imperii) that led to the emergence of Leipzig as an important trading location. The compact city centre measures just 800 by 600 metres and covers an area of 0.48 square kilometres. Rich in historical buildings, the city's architecture is largely characterized by about 30 arcades and courtyards. In addition to two department stores and two city-centre shopping malls, compared to the rest of Germany, Leipzig is distinguished by a relatively low density of chain stores. 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 Saxony.



Barfussgässchen, Fleischergasse and Klostergasse in central Leipzig are all full of bars and restaurants serving a wide range of cuisine. And the great thing about going out in Leipzig is that there's no official closing time!



International cuisine: A mouth-watering choice



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

In Leipzig, visitors are spoilt for choice when it comes to eating out. There are 2,033 restaurants, bars and cafés with total seating for about 85,000 (including around 14,000 in the city centre and the neighbouring streets). They range from simple bars to gourmet restaurants serving Saxon and international cuisine. When the weather's fine, visitors dine alfresco and watch the world go by thanks to the additional outdoor seating for 18,000. One typical feature of Leipzig is the various districts of bars and restaurants, such as Drallewatsch starting on the marketplace and continuing along Barfussgässchen, the bistros, bars and cafés in 'theatreland', and Connewitz in south Leipzig. All in all, guests are welcomed by Leipzig's some 9,100 restaurateurs and landlords and their staff. The oldest part of Leipzig in the area around Barfussgässchen provides an impression of just how compact the architecture in the city centre used to be. Renaissance, baroque and fin-de-siècle buildings nestle cheek by jowl with picturesque spots and winding arcades. Some of Leipzig's restaurants are closely associated with historical celebrities, such as Auerbachs Keller, where part of Goethe's *Faust* is set, and Zum Arabischen Coffe Baum, which local luminaries like Goethe, Lessing, Wagner, Schumann and many more used to frequent.

Délice: Network of good food cities of the world

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

Altogether 15 cities – including twin towns of Leipzig and other members of Délice – introduced their food and their

music at a festival entitled 'EAT EAT EAT – International cuisine and culture' held in August 2015. 'EAT EAT EAT' (a collaboration between Blues Agency GmbH Leipzig, the City of Leipzig, Leipzig restaurateurs and twinning associations) presented local cuisine, regional specialities and international music at Scheibenholtz racetrack as part of Leipzig's millennium celebrations. And one month later, Leipzig Chamber of Commerce and Industry teamed up with Leipziger Messe GmbH, the City of Leipzig, Leipzig Tourismus & Marketing GmbH and DEHOGA Leipzig to stage their fifth food festival. For the first time, the festival included a two-day Regional Specialist Exchange, aptly held in front of the Old Exchange!





The Wave-Gotik-Treffen is a four-day festival of music and culture which has been held in Leipzig every Whitsun since 1992. Apart from over a hundred concerts, visitors have an exciting array of other activities to choose from, including special film screenings, club parties, authors reading their eerie and romantic literature, exhibitions in museums and art galleries, live roleplay, church recitals, medieval markets, and workshops devoted to various themes.

10th record year in a row: 2.83 million overnights in 2015

2.8 million overnight stays in 2014

With a total of 1,535,955 arrivals and 2,829,824 overnight stays, Leipzig's hotel industry enjoyed a tenth record year in succession. In fact, in 2015 Leipzig was visited by more tourists than ever before in its history. These figures are supplemented by another 2,036,168 commercial overnight stays in the neighbouring districts, creating a total of about 4.9 million overnights in the Leipzig region. The region accounted for 26% of the total overnight stays in Saxony, more than anywhere else.

Successful cooperation

This was largely due to extensive marketing activities in Germany and abroad as well as the increase in conventions, conferences and other events in Leipzig. The opening of the elaborately refurbished congress hall at Leipzig Zoo ('Kongresshalle am Zoo') in May 2015 provided another powerful factor attracting convention and conference organizers to Leipzig. In this regard, Leipzig Tourismus & Marketing GmbH works closely together with Leipziger Messe and the congress initiative do-it-at-leipzig.de, which has 50 partners.

Increase in international visitors

In 2015, visitors to Leipzig could avail themselves of all in all 116 hotels with a total of 14,798 beds (up from 14,617 in 2014). The average stay was 1.8 days. The increase in visitors and overnight stays in Leipzig is above all attributable to foreign tourists, whose arrivals and overnights rose in 2015 to 209,252 (+6.6%) and 424,975 (+8.3%). Leipzig was particularly popular among visitors from the USA (38,441), Switzerland (34,916) and the UK (34,509). China is about to enter the top ten of foreign visitors with 11,586 overnight stays in 2015 (+ 21.1%).



Moderate growth predicted in 2016

Even after Leipzig's millennium, there is still plenty to see and do in Leipzig. Traditional exhibitions and festivals such as the Leipzig Book Fair, the Wave-Gotik-Treffen festival for dark music and arts, and the annual City Festival are all celebrating their 25th anniversary in 2016. And to mark the centenary of the death of Max Reger, Leipzig is honouring one of the most important modernist composers with the 2016 Max Reger Festival. Another highlight from which the whole Leipzig region profited this year was the 100th German Catholic Convention, which was held from 25 to 29 May.

Leipzig, the centre of the arts and trade shows, is surrounded by Leipzig New Lakeland. The lignite mines once dominating the landscape have given way to an attractive network of lakes ideal for recreation and relaxation.

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Construction of upmarket commercial property at VGP Park Leipzig

European property developer VGP is investing over €10 million to build a new business park near the Leipziger Messe exhibition centre with a total area of about 105,000 square metres. Work on the first of five units at VGP Park Leipzig began in April. An industrial unit with a lettable area of around 26,000 square metres is under construction and scheduled for completion by the end of October 2016.

Construction: Good orders mean healthy business

Leipzig's construction industry had an upbeat year in 2015, with demand remaining high even in Q4 despite the weather. Although capacity utilization tailed off towards the end of the year, businesses remained extremely positive. This was underlined by the 4-point rise in the balance of current business to +50 points at the end of the year. This encouraging assessment is borne out by the official statistics, according to which the total turnover of the 130 construction companies¹ in the Leipzig district remained at about the previous year's level, reaching €1.138 billion. Total revenue of the 40 construction firms based in Leipzig itself also remained constant at €407 million,

Incoming orders developed healthily, rising by 6.2% in the area covered by Leipzig CCI to €1.044 billion, and in the city of Leipzig by nearly 12% to €361 million. However, the average total workforce in companies in the Leipzig district declined somewhat by 115 to 7,671, with the total

number of companies being reduced by three. In the city, the total headcount dropped by just 0.4% to 2,957, and there was one fewer company by the end of the year.

Prospects in the construction industry remain very optimistic for 2016. The balance of business expectations rose to +17 points, one point higher than the previous year's level. In particular, confidence at many firms is buoyed by the planned investment programmes in the transport infrastructure and social housing as well as local investment in schools and preschool centres. Due to this increasing activity, building contractors are expected to recruit some new staff.

¹ Companies subject to reporting requirements with 20 or more staff.
Sources: Economic Report by Leipzig Chamber of Industry and Commerce, 2016; Saxon Department of Statistics

Revitalization of Oelssners Hof

The magnificent Oelssners Hof on Nikolaistrasse and Ritterstrasse has been brought back to life. After three years of construction work, in summer 2015 a new attraction with total floor space of 25,000 sqm was reopened in central Leipzig.



Major projects in Leipzig (selection)

- Expansion of Porsche's Leipzig plant
- Expansion of Karl Heine Canal
- Construction of new fire station
- Construction of preschool centres
- Construction of schools
- Redevelopment and construction work at Leipzig University Hospital
- New office block for reconstruction bank Sächsische Aufbaubank

(See pages 100–101)



Harnessing farming for landscape conservation

Cultural landscape management as a bridge between town and country

The City of Leipzig and Green Ring Leipzig are participating in the research project **stadtPARTHEland** funded by the Federal Ministry of Education and Research under its scheme 'Promotion of Transdisciplinary Innovation Groups for the Development and Implementation of New System Solutions in Sustainable Land Management'. In addition to the project partners, other regional stakeholders from the private sector, local government, research and civil society are taking part in this project. The objective is to support the cultural landscape of the area around the River Parthe by establishing new value chains and core value chains between town and country. In a participatory, open-ended process of work and communication, sustainable solutions are to be developed for the conservation of valuable landscape structures, and support is to be given to stakeholders as these measures are carried out.

The starting points of the project are as follows:

- The changing locations and economic viability of cultural landscape conservation
- The decrease in farmland due to construction and increasing problems of land availability
- Declining participation in and awareness of landscaping processes and urban–rural relations

The purpose of the project is to improve the economic viability of cultural landscape conservation, develop new synergies between agriculture and conservation, and trial new ways of landscape participation

by means of:

- New technologies (e.g. recycling of green waste)
- New collaboration (e.g. cultivation of species-rich meadows, regional marketing)
- New methods (e.g. compensatory action for interventions)
- More public participation in the structure and use of their countryside (e.g. models for participatory and

transparent food production), which should enable better conditions to be achieved for the maintenance, development and enhancement of the cultural landscape.



stadt PARTHE land

Kulturlandschaftsmanagement als Brücke zwischen Metropole und ländlichem Raum

In particular, the following approaches have been developed for active involvement in attaining countryside targets and environmental objectives

- Production-integrated compensation measures
- Grassland cultivation complying with conservation requirements
- Maintenance and management of copses

For example, the effectiveness of different production-integrated measures for nature conservation is being evaluated, progress is being made on the implementation of a sustainable joint project for grassland cultivation complying with conservation requirements, and a copse strategy is being worked out containing principles and recommendations for the long-term management of copses. Particular attention is being paid to optimizing the coordinated interests of the public, farmers and representatives of conservation and environmental protection associations as well as mutual tolerance and acceptance and reducing conflicts of interest.

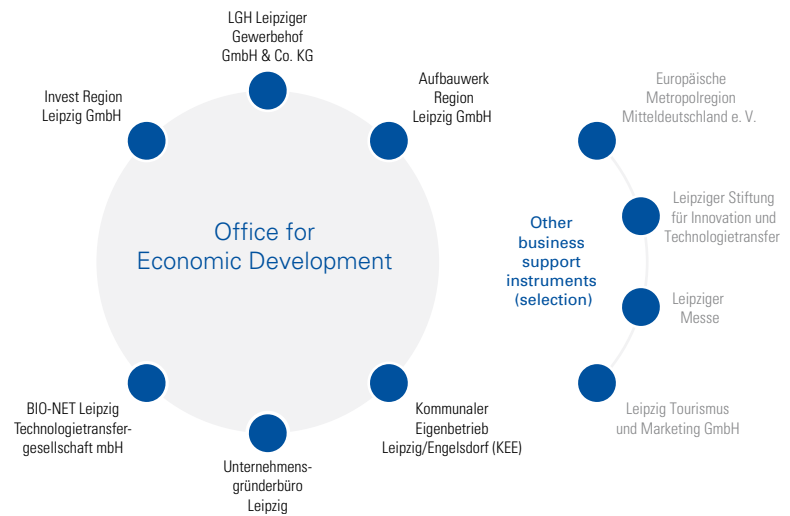
Since 2016, the companies in the Leipzig Group – multi-utility, transport operator, water works and swimming pools – have been fronted by a joint brand. The yellow, rounded L represents the municipal network and the varied daily collaboration between powerful companies in the core businesses of energy, mobility and water.

Added value for Leipzig



Service provider for business

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



Leipzig scores!

2016 – Leipzig/Halle Logistics Region placed third in Germany for the first time

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

– ShanghaiRanking: Leipzig University moves up

Leipzig University has 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.

2015 – Leipzig has the third-strongest economy in Germany

Within just a few years, Leipzig has risen up the table and overtaken financial centre Frankfurt am Main to third place among the cities with the most powerful economies, with just Munich and Berlin ahead of it in first and second places. This is the result of a ranking compiled by the HWWI Hamburg Institute of International Economics and Berenberg Bank, which assessed Germany's 30 biggest cities in terms of their future readiness.

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

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

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



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

– Young households: Germany's no. 1

No other town or city in Germany has a higher share of young households than Leipzig. This was revealed by an analysis of the population data of all German towns and districts published by market research institute GfK. It found that the share of Leipzig households in which the head of the household is under 30 years old is 20%, almost double the national average of just 11.6%.

2013 – Survey: There's no better place to live!

Leipzig emerged the clear winner from a citizen satisfaction survey conducted in December 2013 by market research institute GfK. In no other city in Germany are the residents as satisfied as in Leipzig! Inhabitants were interviewed from Berlin, Bremen, Cologne, Dortmund, Dresden, Duisburg, Düsseldorf, Essen, Frankfurt, Hamburg, Hanover, Leipzig, Munich, Nuremberg and Stuttgart.

Support for established mid-sized firms



Minister Martin Dulig and Dr Michael Schimansky visit a firm at Tapetenwerk Leipzig, which provides the cultural and creative sector with facilities for various projects.

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 bank negotiations. All activities are geared towards finding practicable solutions.

Business helpers 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

What we can do for you

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

- 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
- ME Support Programme/microcredits
- Rapid administrative action and quick planning, e.g.:
 - Porsche AG: 4 weeks
 - Siemens AG: 6 weeks
 - Amazon.de: 16 days

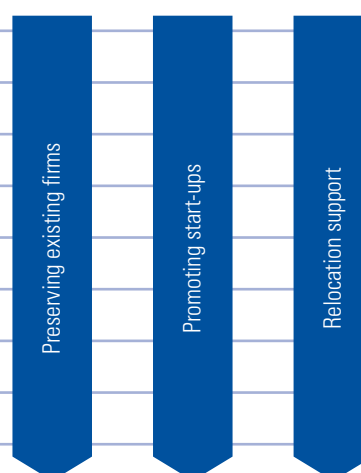
What we can't do for you

- Sell property to potential investors below market value
- Create jobs!

Tasks of business development

- Location development
- Location marketing
- Real estate service
- Guides
- Funding service
- Cluster development
- Technology/innovation
- Market development
- Operational and project support
- Securing and recruiting skilled labour

Activities



PRIVATE SECTOR

SME Support Programme expands growth prospects

SME Support Programme

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

Results of applications and project funding

By December 2015, 323 applications had been received from 256 companies, 258 applications from 229 companies approved, and funding paid out in 256 cases. The average subsidy is about €3,700.

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



Draw-downs

- 2014: €360,000
- 2015: €500,000

Creating more jobs, stimulating growth

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

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

The SME Support Programme has three strands:

1. Branch support
 - Support for companies opening branches in Leipzig
2. Support for existing companies
 - Transfer of creative ideas
 - Growth-related site development
 - Management support
 - Innovations in SMEs*
 - Development of new markets (trade show support)
 - Testing electric vehicles in everyday operations*
 - Implementation of a quality management system*
 - Local technology transfer*
 - Report: National growth/restructuring
 - Report: Operational handover
 - Report: Crisis management
3. Start-up support
 - Start-up bonus for master craftspeople
 - Innovative founders

* New scheme from 2016



Start-up competitions

- Bio-Gründer Competition
- CeBIT Innovation Award
- CODE_n Award
- Elevator Pitch Night Leipzig
- Förderland
- futureSAX
- Gründerwettbewerb – IKT Innovativ
- IQ Innovation Award Leipzig
- IQ Innovation Award Central Germany
- Cultural and Creative Pilots
- LIFE Ideas Competition Leipzig
- Leipziger Gründerpreis
- HHL Best Founders Award_
- Best-Bio-Based Business
- Award_Accelerate@HHL_HTWK/
- HHLStartup-Bootcamp_LTO/
- HHL-Innovations-Bootcamp

Founder networks

- CLEANTECH Initiative Eastern Germany
- eBEn – eBusiness Engineering
- HHL Accelerate
- HHL Energy Club
- Culture and Creative Industries Leipzig
- Makerspace
- AMZ Automotive Suppliers Network Saxony
- Baukultur Network
- Project GISBERT
- SMILE (Self-Management Initiative Leipzig)
- Startup Safary Leipzig

'Spinlab – The HHL Accelerator' opened in late 2014 at Baumwollspinnerei, a repurposed cotton mill now largely populated by art galleries and studios. In addition to access to the necessary infrastructure, up to ten founding teams benefit from an extensive coaching and consulting programme. Thanks to cooperation with the Office for Economic Development, each founder team is also paid a start-up grant of €6,000.

Leipzig's wave of start-ups

Roads to business success

Start-ups represent dynamic innovation and growth. In terms of their technology and business models, they're highly innovative, and strive to increase their turnover and their workforce. This type of entrepreneurship matches Leipzig's founder mindset and is therefore be further developed and nurtured. If the city is to keep thriving, new ways of supporting economic activity among young enterprises are required.

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

ugb Leipzig is the first port of call during all the phases of a company: start-up, planning, financing, consolidation and further growth. It works closely with various partners, including the local Chamber of Commerce and Industry, the Chamber of Small Industries and Skilled Trades, and the S-Beteiligungen investment companies. The annual highlight of this collaboration is the Leipzig Founder Awards.

ugb Leipzig: The first port of call for entrepreneurs in and around Leipzig

More than 9,550 jobs created since ugb was set up

202 jobs created in 2015 with the support of ugb Leipzig

95 businesses guided to success in 2015 with total financing of about €6.9 million

Advice and financial assistance from ugb Leipzig given to so far 6,645 start-ups



Positives start-up climate: Office for Economic Development and Spin-Lab – The HHL Accelerator sign cooperation agreement

Leipzig Office for Economic Development and SpinLab Accelerator GmbH have agreed to work closely together on the sustainable development of Leipzig as a start-up hub, signing a cooperation agreement to this effect in spring 2016. Their joint aim is to increasingly place Leipzig in the limelight both in Germany and abroad as an attractive location for start-ups. SpinLab will work closely together with the founder scene on the specific aspects listed in the cooperation agreement in order to give start-

ups from Leipzig the best chances of growth – and also attract start-ups from elsewhere to the city.

Youth Start-Ups: An inspirational project

The interim final of the national competition 'Youth Start-Ups' was held in Leipzig for the first time in March 2015 and was a resounding success. The audience listened to the innovative business ideas put forward by teams of young entrepreneurs with rapt attention. The refreshing, informative talks by innovative founders from Leipzig describing the arduous but ultimately rewarding road to starting a business also met with keen interest.

'Youth Start-Ups' is all about people with a thirst for knowledge, the urge for discovery, and who are open to new ideas. The competition is organized by the Steinbeis Innovation Centre for Enterprise Development on behalf of the Federal Ministry of Education and Research. In line with the organizers' wish for consistency, in March 2016 the interim final was again held in Leipzig. The event was supported by the Office for Economic Development and Leipzig CCI.

Female entrepreneurs "Women overtake differently"

During German Founder Week in November 2015, numerous start-up events were also held in Leipzig. Women about to set themselves up in business as well as successful female founders and entrepreneurs were invited to New City Hall by the Office of Economic Development. Ninety participants – twice as many as in the previous year – used the constructive atmosphere to network and talk shop. Budding entrepreneurs were especially keen to pick up tips and tricks from the more experienced visitors. Two of the most frequently asked questions were "How do I translate ideas into deeds?" and "How can I negotiate successfully as a woman?" The interactive workshops addressed best-practice examples, corporate succession, conflict management and body language. The female founder project closed with the presentation of the Red'n Black Award to the first sponsor-and-founder pair. The event was organized in conjunction with Leipzig CCI and SMILE, the Leipzig University founder network.

Busy Leipzig Founder Night 2016 – 2015 StartUp winners announced

Two initiatives that have become major platforms for start-ups have now joined forces under the name of Leipzig Founder Night. The Leipzig Founder Award and the LIFE competition both pit founders and their ideas against each other. Leipzig Founder Night reveals the potential contained in the founder scene and which needs to be nurtured. Bundling activities in this way makes a valuable contribution to strengthening and showcasing the entrepreneur scene in Leipzig.

The StartUp category acknowledges companies which have been successful on the market with their business ideas. In first place was Vizzlo GmbH followed by 4F Lifestyle GmbH. Third place was shared by Sensape GmbH and smoked spices shop Die Räucherwelt. The prize money for the runner-up was donated by the City of Leipzig.



In addition, the top five in the ideas competition had a few minutes to give presentations on their business ideas. The audience voted immediately afterwards to decide the winner – and chose the HyaloCart team for its project involving the use of stem cell therapy to treat sports and wrist injuries.

The special prize '10 Years After' was awarded to entrepreneur Enzo Forciniti – a designer who has been successful for a decade with handmade wooden eyewear. This award was sponsored by the City of Leipzig and the university network SMILE.

HHL International Investors Day: Lighthouse event for startup and growth financing in central Germany

More than 200 guests from Germany and abroad came together at the 3rd HHL International Investors Day on 14/15 June 2016 to discuss e-health, e-education, Industry 4.0 and the bioeconomy. At this unique event, founders were introduced to potential investors, and successful start-ups met up with established companies.

Startup Sensape wins HHL Best Founders Award

In the run-up to International Investors Day, a multi-phase international founder competition was held. The winner of the HHL Best Founders Award with a cheque for €2,000 was garnered by the team from start-up Sensape, who have developed a novel technology for interactive infotainment systems in city centres.



Justus Nagel, the winner of the 2016 HHL Best Founders Award and co-founder of Sensape, with Julia Dermdinger, CEO Die Gründertrainerin and head of the jury, and Professor Stephan Stubner, a member of the board of the Society of Friends of HHL.

Start-up forums

- Gründerfrühstück
- Gründerinnenkreis Leipzig
- Gründernest Leipzig
- Gründerstammtisch
- Initiative Unternehmensgründerinnen
- Leipziger KOEPFE-Treffen
- Magento Stammtisch
- Marketing-Club Leipzig Junioren
- merkur start-up Stammtisch Leipzig
- Netzstamm
- SMILE-Gründerstammtisch
- Stammtisch Life Sciences
- Unternehmerstammtisch Leipziger WestenLeipzig

Coworking Spaces in Leipzig:

- Arcus park Business Center
- Basislager Coworking
- Chaos Coworking
- Contorhaus
- Coworking Eisenbahnstrasse
- Gründernest
- Im Einklang Leipzig
- Internet Union
- Le Space
- Raumstation
- Rockzipfel Leipzig
- Sekretär Coworking Space
- Social Impact Lab
- SpinLab – The HHL Accelerator
- Studio Delta Coworking
- Südseite GmbH
- Tapetenwer

Investing in the future

Office for Economic Development supports technology transfer

Economic success largely depends on how quickly inventions and discoveries catch on in the form of marketable products and processes. Technology transfer

plays a key role in this – and acts as an agent of success stories.

Results 2013–2015

- 1,350 enterprises: Contacted regarding the project
- 291 enterprises: Initial consulting
- 164 enterprises: Agreed to proceed after initial consulting
- 29 enterprises: Applications submitted for funding programmes
- 2 enterprises: Innovation management training

Technology Scouts: Sniffing out success

Since 2013, AGIL GmbH Leipzig has successfully carried out the pilot project Technology Scouts on behalf of the City of Leipzig and Leipzig CCI. This attractive service consists of sound advice given by four experienced Technology Scouts and is aimed at regional companies, which are given assistance as they set up and expand their own innovation activities. Apart from encouraging R&D projects, advice also includes help with applying for public subsidies.

The Technology Scouts support SMEs (especially in the manufacturing sector) by:

- Helping them launch their own R&D processes
- Setting up a system of innovation management
- Explaining innovation management methods and tools
- Finding suitable partners from the research community
- Assisting in the development and implementation of fundable R&D projects
- Drawing up the necessary financial planning



BIO-NET LEIPZIG GmbH: A network for life sciences

The objectives of the BIO-NET LEIPZIG GmbH are:

- To develop a common strategy for research transfer with local research institutes in order to attract life science start-ups to Leipzig
- To support start-ups and new branches with basic questions about business development, funding acquisition, integration into local business networks, and attracting venture capital
- To provide further training, e.g. in communication, self-management and biotechnology
- To develop cooperation projects between local companies and research institutes as well as conduct contract research for local companies
- To present Leipzig as a hub of life science to for example national and international delegations at BIO CITY LEIPZIG and through participation in national trade shows and conferences

In 2015, BIO CITY LEIPZIG and Leipzig were showcased at seven international conferences and exhibitions, including at the BIO International Conference. In connection with core activities in the area of life sciences, 35 local businesses received general advice while another 15 companies and foundation projects benefited from consulting on specific matters. Four cooperation projects were initiated, three of which are still receiving guidance. Eight national and international delegations (including from Japan, China, India, Ethiopia and Switzerland) visited BIO CITY LEIPZIG while on fact-finding visits to Leipzig as a life science hub.

Foundation for high-tech

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 science and technology between research and industry. Between 2001 and 2014, projects were funded to the tune of around €8 million in order to support and accelerate technology transfer. And more projects with total funding exceeding €1.2 million have been approved for 2015/16.

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

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



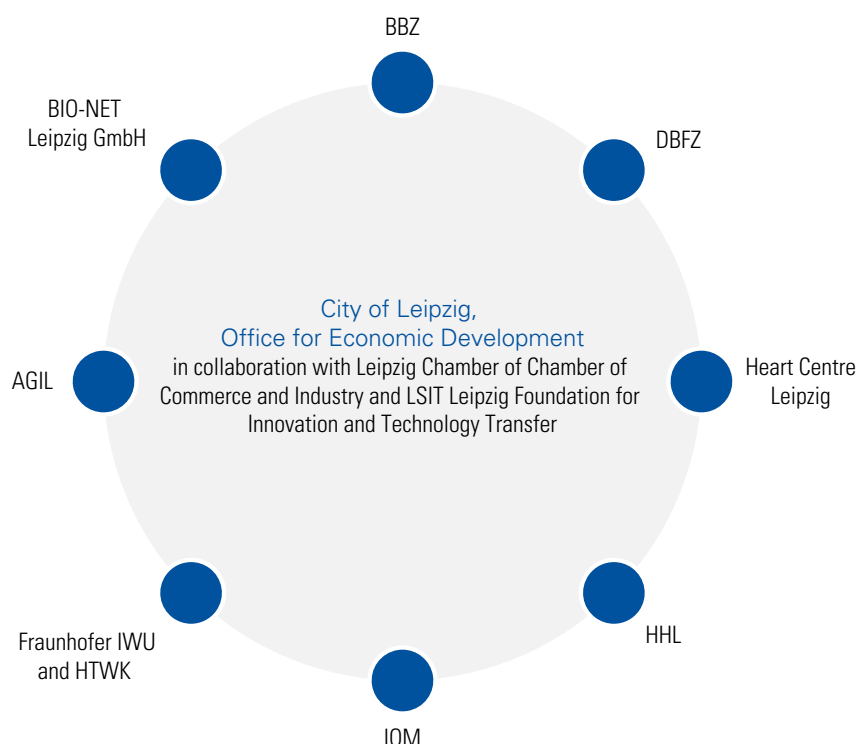
Foundation activities also extend to education. Support has been provided to set up the E-Web and Learning World Technologies at VDI-GaraGe as well as for participation by school students in the annual TSA competition in the USA.

IQ Innovation Award Leipzig 2016

In 2016, the Leipzig Foundation for Innovation and Technology Transfer once again presented the IQ Innovation Award together with Leipzig Office for Economic Development. A local jury chose the most innovative achievement from Leipzig and awarded the prize accompanied by a cheque for €5,000 to WAVELABS Solar Metrology Systems GmbH for its portable solar module tester SINUS-2100 Outdoor. Left to right: Dr Wilhelm Gerdes (Cell. Copedia GmbH), Dr Torsten Brammer (WAVELABS Solar Metrology Systems GmbH) and Heide Gutsfeld (Leipzig Foundation for Innovation and Technology Transfer).



The Endowed Chair of Innovative Surgical Training Technologies (ISTT) at HTWK Leipzig University of Applied Sciences is supported by the Leipzig Foundation for Innovation and Technology Transfer.



Source: City of Leipzig, Office for Economic Development



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 benefits commercial investment and business-related infrastructure schemes. The assistance granted to business start-ups, investments

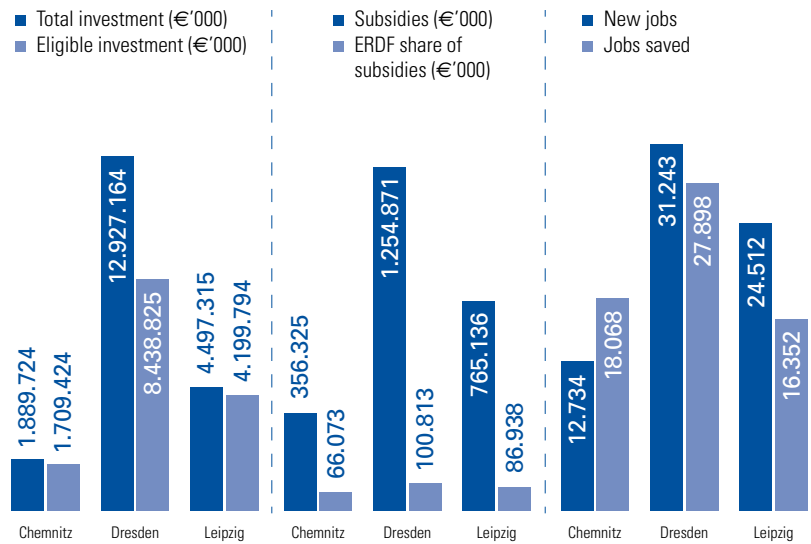
enabling product diversification or fundamental manufacturing changes, and the improvement of the regional infrastructure all help to tap endogenous regional development potential. This funding is mainly awarded to SMEs.

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 the necessary solutions. Consequently, it now wears the hat of a construction supervision department in connection with all aspects regarding the development of BMW's plant in Leipzig. This concentrated approach facilitates rapid investment decisions.

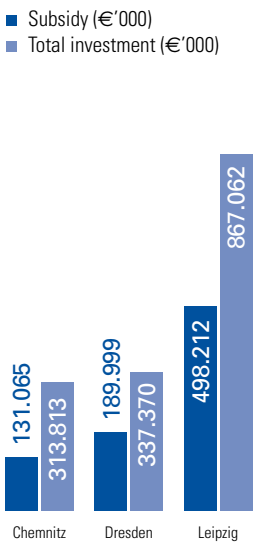
GRW funding for the private sector

Excluding projects that have been cancelled or completely withdrawn.
1 Jan 1990 – 31 Dec 2015 (figures correct as of 10 June 2016)



GRW funding for business-related infrastructure

1 Jan 1990 – 31 Dec 2015



Renewal of the industrial siding to North Leipzig Industry Park

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

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

Funding for research and technology

All in all, in 2015 Saxony approved grants for 656 research and technology projects totalling about €176.2 million. They include 94 projects by enterprises, universities, non-university research institutions and other beneficiaries operating in Leipzig. Changes were introduced to the Free State of Saxony's funding programmes at the start of the new programming period 2014–2020. Apart from the familiar research and technology funding programmes (mainly refinanced under the ERDF European Regional Development Fund), the new ESF (European Social Fund) technology funding programmes InnoExpert and Transferassistent for Saxon companies and support for junior research groups and doctoral students at state universities were also included. With this funding, Saxony is helping above all SMEs to recruit R&D personnel to tackle innovative and technology-based R&D themes or introduce internal innovation management, or to employ experienced personnel for technology transfer tasks. By funding junior research groups, Saxony intends to enable junior academics to conduct knowledge transfer in connection with joint research work and to train junior academics by means of research projects.

Funding for research and technology in 2015 (€'000)

	Leipzig	Saxony – total
Approved funding	27,478.03	176,250.72
Of which:		
Research infrastructure and research projects	5,764.75	30,039.66
R&D project (individual and joint subsidies)	16,177.73	100,095.50
InnoExpert	1,347.51	9,032.24
Innovation bonus	234.51	2,042.65
Innovative energy technology	286.34	8,518.82
Junior research groups and doctoral students	2,532.18	24,564.85
Other technology programs	595.16	945.52
Transferassistent	539.85	1,011.49

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 2015, they had invested a total of more than €66 million in the economy of central Germany, including over €5 million in 2015. As a result, more than 120 firms have already managed to achieve their foundation and expansion plans.

The S-Beteiligungen currently support companies with all in all over 2,200 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 strengthen the equity of young, innovative technology firms and expanding SMEs.

Europe: Central location, central concern

Over the years, the City of Leipzig has amassed a huge amount of expertise regarding EU subsidy programmes. The Office for European and International Affairs steers and coordinates the use of European funding made available to share experience with other European cities, allow problems to be tackled jointly, and enable the high-

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

EUROCITIES: Leipzig successfully chairs Social Affairs Forum



Since 2015, Deputy Mayor Thomas Fabian has chaired the Social Affairs Forum, one of the main working bodies of EUROCITIES, with the City of Barcelona acting as deputy chair. Last year, special attention was devoted to the integration of asylum-seekers. The Social Affairs Forum is one of the network's six thematic forums of EUROCITIES. It is a platform for policy and project development as well as sharing views in the field of social affairs. The City of Leipzig has actively worked in the forum for many years, especially in the areas of education and migration. As chair of the Social Affairs Forum until November 2016, Thomas Fabian is responsible for strategic development and implementation, and also represents the forum externally, in particular vis-à-vis the European Commission and the European Parliament.

Deputy Mayor Thomas Fabian with other mayors and deputy mayors from EUROCITIES at a meeting with Marianne Thyssen, the European Commissioner for Employment, Social Affairs, Skills and Labour Mobility (eighth from right).

Europe 2020 – Leipzig 2020

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

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

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

and the ESF. Subsidies provided by the ERDF currently amount to €3.7 million for East Leipzig and €4.0 million for West Leipzig; under the ESF, about €1.3 million has been approved for West Leipzig. An application for financial assistance for the district of Schönefeld has also been submitted. Financial support from the ERDF is used for important infrastructure measures, particularly in the areas of climate change and investing in the local economy. ESF funding is used by Leipzig to step up efforts to help young people and adults enter gainful employment through education and training. Leipzig's successful model of integrated urban development is thus being continued during the current programming period.

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

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



Involvement in the EU smart city project Triangulum

The City of Leipzig is a partner in the project consortium Triangulum – one of three transnational flagship projects selected in the Europe-wide competition 'Horizon 2020: Smart Cities and Communities' and funded by the European Commission. The consortium consists of 22 project partners from six countries and is being funded with a total of €25 million.

Leipzig's role is to develop a masterplan for part of West Leipzig. This district is to serve as a laboratory for the future implementation of a citywide smart city strategy. The area concerned has undergone enormous economic and social transformation in recent years. It is characterized by large brownfield sites, a diverse building stock (including disused yet valuable industrial and commercial buildings, residential buildings, etc.) and extensive infrastructure (transport systems, utilities). Given the growing population, these buildings need to be reactivated as places where people can live and work. This is linked to the establishment of an SME-oriented smart infrastructure

(smart grid, broadband networks) in conjunction with the predominant use of renewable energies, the expansion of public transport, and the reorganization of commercial delivery traffic and private transport. Other challenges include the development of long-term public-private cooperation structures and binding forms of collaboration between municipal companies, the property market, SME partners from trade and industry, and science and research. Preliminary meetings on relevant issues and projects have already been held with municipal service organizations and others.

— www.triangulum-project.eu

Aufbauwerk Region Leipzig GmbH: New projects launched, other projects planned

Aufbauwerk works with stakeholders from the City of Leipzig and the districts of Greater Leipzig, Central Saxony and North Saxony to support and develop projects funded by the European Union. Two projects have been approved in the new 2014–2020 programming period and other project applications are currently being reviewed. Aufbauwerk is currently supporting the integration of refugees and promoting commercial enterprise in rural areas.

Project RESQUE 2.0

Project RESQUE 2.0 supports the integration of refugees and asylum-seekers in work and training. The project began in July 2015 and continues the work of RESQUE plus. One component is advising refugees on the possibilities of training or starting work, the transition from school to work, and the ins and outs of the German employment market. In addition, training measures are conducted for refugees such as careers guidance, application training, computer training, language courses, and preparatory classes before returning to school. RESQUE 2.0 also places participants in more advanced German language programmes and puts them in touch with employers.



Interreg Europe Project RATIO

In the new Interreg Europe Project RATIO, Aufbauwerk is providing innovation support to SMEs in rural areas. For this purpose, the necessary framework conditions for innovation among SMEs in rural regions throughout Europe are being compared so that action recommendations for their improvement can then be compiled. In Saxony, this project is being carried out in conjunction with the Innovation Strategy 2020.

— www.aufbauwerk-leipzig.com

RATIO kick-off event –
a study visit to Saragossa
(31 May – 1 June 2016).

Public procurement: Clear criteria



Waste Management Services Leipzig

New containers were required for the collection of old clothes. They were partly decorated with graffiti before being placed in position.



Central Services

A new tractor with switchable all-wheel drive was purchased for the Urban Forestry Unit of the Office for Parks, Recreation and Water.

Fire Department

The Fire Department has received its first-ever oil removal vehicle.

Sundry procurement procedures

In 2015, the following procurement procedures for works and services were carried out by the City of Leipzig's purchasing offices and the Central Tender Department:

- 45 public tenders
- 18 open procedures
- 8 restricted procedures
- 6 negotiated procedures
- 35 direct awards (value exceeding €25,000)

The total number of procurement procedures in 2015 (112) was about the same as in 2014 (117). The shares of public tenders (announced in national media) and restricted procedures declined somewhat. By contrast, the proportions of open procedures (also announced in the supplement to the Official Journal of the European Union) grew. The number of direct awards exceeding €25,000 noticeably declined.

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

Procurement from regional firms

In the 112 procurement procedures in 2015, 201 contracts with a total value of €151.2 million were awarded for works and services. Of these, 83 contracts went to bidders from the Leipzig region – a share of 41.29 %, which is lower than in 2014. The proportion of procurement by financial volume won by regional companies was also lower than in the previous year (2014: 77.5%).

- Leipzig region	€103,137,400	68.2%
- Rest of Germany	€44,051,100	31.8%
- Total	€151,188,500	100.00%

The decrease compared to the previous year primarily results from the fact that in 2014, Leipzig's emergency services and the delivery of electricity and natural gas to the City of Leipzig with a total value of over €129 million were awarded to regional contractors. In addition, special equipment had to be purchased in 2014, which could only be procured outside the region.

Guidelines for fair, sustainable procurement

In accordance with the guidelines for fair, sustainable procurement, objective criteria were incorporated into tender documents wherever possible to ensure a complete lack of bias.





Public contracts for municipal buildings

In 2015, the City of Leipzig carried out 737 construction procurement procedures and awarded building contracts totalling €76.1 million, about €3.8 million less than in 2014. Contractors in the Leipzig region won 66% of this total, while those based in Leipzig itself garnered 26%. Firms took advantage of the free download of tender documents about 7,650 times. This download service was used by 87% of bidders. A total of 4,577 bids was received. The building contracts awarded made an important contribution to the development of the regional economy. In 2015, the main building and infrastructure projects contracted out in this way included the following.

Traffic and Civil Engineering Office

Roadworks:

- Könnertstrasse (between Holbeinstrasse and Oeserstrasse)
- S78, Baalsdorfer Strasse/Hauptstrasse
- Demmeringstrasse (between Plautstrasse and Saalfelder Strasse)
- Antonienstrasse (between Diezmannstrasse and Brünner Strasse)
- Georg-Schumann-Strasse (from Warthenburgstrasse to Linkelstrasse)
- New roundabout at the junction of Chemnitzer Strasse/Leinestrasse

Bridges:

- Wingert Bridge spanning the Elstermühlgraben in Knauthain, Sep '15 – Jan '16 (costs: €251,600)
- Pedestrian bridge III/G10 in Johanna Park, Aug '15 – Feb '16 (costs: €152,600)
- Replacement bridge across the River Parthe on Tauchaer Strasse, June '13 – June '15 (costs: €3.3 million)

Office for Parks, Recreation and Water

- New park at Plagwitz Goods Station (landscaping, drinking water and sewage systems) (costs: €520,000)
- Return of the railway obelisk, Goethestrasse (stonemasonry/landscaping) (costs: €200,000)
- Clara Zetkin Park – perennial garden (landscaping) (costs: €141,000)
- 157th Primary School, playground upgrade (landscaping) (costs: €94,000)
- Elstermühlgraben BA 2, weir (hydraulic steel structure) (costs: €195,000)
- Tree-planting on 11 roads in Leipzig (costs: €38,000)

Office for Building Management

Construction projects:

- Construction of a new grammar school (5 forms per year) with three-court gym and sports ground at Telemannstrasse 9, Oct '14 – June '17 (costs: €25.7 million)
- Conversion and modernization of gym at Brüderstrasse 15, Aug '14 – Mar '16 (costs: €7.6 million)
- Revamp of Käthe Kollwitz Special Needs School for repurposing as a regular school, Karl-Vogel-Strasse 17/19, Aug '14 – Aug '16 (costs: €12.9 million)
- Partial construction of the gym at Wilhelm Hauff Primary School (with pictures), Nov '13 – Dec '15 (costs: €1.6 million)
- Robert Blum Vocational Training Centre 12, Rosenowstrasse 60, Feb '14 – Nov '16 (costs: €4.8 million)
- Am Röschenhof Veterinary and Food Inspection Office, Mar '15 – Dec '15 (costs: €492,000)

A grammar school for a total of 1,200 pupils and a three-court gym will be completed by summer 2017 on the site of the former St Thomas's School demolished in 2010.



New trees were planted on 11 streets in Leipzig in 2015.



Between early 2015 and late 2016, the road and also the tram lines on Könnertstrasse between Holbeinstrasse and Oeserstrasse were revamped.

Qualified skilled labour to safeguard the region's future



Presentation of the first subsidy approval notice for a project by the Skilled Labour Alliance (Employment Compass for Refugees). Left to right: Dirk Wottgen (HR manager at BMW's Leipzig plant), Stefan Brangs (State Secretary at the Saxon State Ministry of Economic Affairs, Labour and Transport), Uwe Albrecht (Leipzig's Deputy Mayor of Economic Affairs and Employment), Dieter Schliek (chair of Joblinge gAG Leipzig) and Reinhilde Willems (chair of Leipzig Employment Agency).

Ahead of this year's RoboCupJunior, for the first time two Leipzig schools took part in the German knockouts with support from the City of Leipzig and HTWK Leipzig University of Applied Sciences, both achieving an impressive fourth place in their respective classes. These teams presented their skills and their robots during RoboCup, kindling the interest of many school students in the emerging topic of robotics.

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Employment figures on the rise

The success of the economic hub of Leipzig is having an international impact and attracting both employers and workers. Coordinated activities by all the stakeholders has resulted in a fruitful economic and labour market policy with impressive results. Over the past six years, the number of employees liable to social security has risen by 36,207 from 216,829 to 252,936. In May 2016, the unemployment rate in Leipzig was 9.0%, down by 0.8 percentage points on the previous month.

Leipzig Skilled Labour Alliance: Addressing tomorrow's labour market

Demographic and digital change is exerting a profound impact on the world of work. Employers, the public sector and employees' representatives are called upon to draw up and implement strategies in order to safeguard the future need for skilled workers. Over the next five years, the Saxon State Ministry of Economic Affairs, Labour and Transport will provide Leipzig with a six-figure regional budget. The Skilled Labour Alliance made up of 12 specialists is responsible for selecting and prioritizing measures to maintain the supply of skilled employees. It develops strategies to improve the regional supply of skilled workers and implement the regional skilled labour strategy.

'Look Inside': School students explore the world of work

Employers with an eye on the future now visit schools in order to make school students aware of the opportunities in the world of work. During 'Look Inside: Week of open businesses in Saxony' (7–12 March 2016), youngsters from Saxony were invited to look behind the scenes and find out about training opportunities, professional

requirements, and exactly what goes on in the workplace. In Leipzig, 42 businesses and 279 school students took part. The Westin Leipzig hotel received an award as one of the top ten employers from Saxony which showed particular dedication in explaining various careers to younger visitors.

Social Participation in the Labour Market

Under the Federal programme Social Participation in the Labour Market, Leipzig Job Centre has received 400 of the 10,000 subsidized jobs throughout Germany for the period 2013–18 with a total budget of about €17 million. This programme is aimed at the long-term unemployed aged over 35 and who have health restrictions or live in a household with minors. The City of Leipzig has offered 150 jobs through the Leipzig/Engelsdorf Direct Service Organization, with the other 250 provided by independent organizations. Leipzig has contributed a total of €5.28 million to the programme.

Thanks to this Federal scheme, the municipal libraries in Leipzig for example can now offer additional services. Home visits have been set up for library customers with disabilities or other health problems, under which requested books and other media are delivered to them by subsidized staff. Other employees covered by this scheme help children visiting libraries to use computers or do arts and crafts with them. This is an excellent way of helping socially disadvantaged youngsters and young people from immigrant backgrounds to participate in society.



Well represented in Leipzig: Corporate investments and expansion

	Company	Activity	Date	Jobs	Remarks
Automotive & Suppliers	– BMW's Leipzig plant	OEM	Continuous expansion	800 new jobs	2016: 4,700 staff, total investment €2bn, production centre for electric vehicles, world's first use of CFRP in mass production
	– Porsche	OEM	2013, opening	1,500 new jobs	Expansion, decision to produce the Macan, investment of about €550m
	– Eldra Kunststofftechnik (Dräxlmaier Group)	Automotive supplier	2013, expansion	150 new jobs	2016: 240 staff
	– TZO	Automotive supplier, research	Continuous expansion	10 new jobs	2016: 110 staff, 2014: Expansion, new production unit opened, 2016: Expansion, new logistics and office complex opened
	– Bertrandt	Engineering service provider for OEMs	2012, Leipzig branch	60 new jobs	Quality assurance, supply management, start-up protection for OEMs and other companies
	– Neue ZWL Zahnradwerk Leipzig	Automotive supplier	Continuous expansion	100 new jobs	2016: 580 staff Since 2014: Construction and operation of new production plant in China
	– GWP Gesellschaft für Werkstoffprüfung	Automotive supplier	2013, Leipzig branch	10 new jobs	Laboratory for composite materials
	– Fritzmeier Composite (Krostitz)	Automotive supplier	2015, Leipzig branch	60 new jobs	CNC machining of CFRP components
Healthcare & Biotech	– QIAGEN Leipzig GmbH	Biotech/veterinary medicine	2013, Leipzig branch	22	Expansion of production range
	– Northwest Biotherapeutics GmbH	Biotech/biomedicine	2013, Leipzig branch	11	US subsidiary
	– Biophysical Tools GmbH	Biotech	2015, Leipzig branch	3	BIO CITY LEIPZIG
	– iScienceBox		2015, Leipzig branch	1	BIO CITY LEIPZIG
	– Vaxxinoa GmbH	Biotech	2015, expansion	26	BIO CITY LEIPZIG
	– Cognate GmbH	Biotech	2016, Leipzig branch	24	BIO CITY LEIPZIG
	– ifp Institut für Produktqualität GmbH	Biotech	2016, Leipzig branch	3	BIO CITY LEIPZIG
	– IPDx Immunoprofiling Diagnostics GmbH	Biotech	2016, Leipzig branch		BIO CITY LEIPZIG
Energy & Environment	– e2m – nergy2market	Power trading	Continuous expansion	80	Founded in 2009, 2015: Subsidiaries opened in Poland, Austria, Italy and France, 2016: e2m Academy opened
	– European Energy Exchange	Energy broker	Continuous expansion		2013: 157 staff, 2014: 191 staff
	– UFZ Helmholtz Centre for Environmental Research	Research	Continuous expansion		Various locations
	– Tilia GmbH	Consultants	Continuous expansion	51	Tilia Solutions GmbH founded in 2012, Tilia Effizienz founded in 2015
	– PlanET Biogastechnik GmbH	Service HQ	2014, established	5	3 April 2014: Service HQ opened
Logistics & Services	– DB Schenker	Contract logistics	2013, expansion	500 new jobs	Parts delivery to plants in South Africa, China, etc.
	– DHL Hub	Express logistics	2015, expansion	800 new jobs	2008: 2000 staff, 2014: 3,600 staff, 2016: 4,400 staff
	– Dräxlmaier	Car modules	2013, expansion	150 new jobs	
	– Kühne + Nagel	Logistics for Pharmaceutical products	2013, opening	110	Pharmaceutical logistics
	– momox	Online sales	2014, expansion	250 new jobs	2011: 350 staff, 2014: 450 staff, 2015: 700 staff
	– Spedition Elflein	Car logistics	2014, expansion	50 additional	Former Quelle site
Media & Creative Industries	– Bosch Service Solutions Leipzig GmbH	Service centre	2016, Leipzig branch	200	Officially opened on 14 September 2016
	– Generali Deutschland Services GDS*	Back-office	2016, Leipzig branch	30	Went into operation on 1 October 2016
	– C. F. Peters Ltd. & Co. KG	Music publisher	2014, Leipzig branch	21	
	– Mtel GmbH	Cloud communication services	2015, Leipzig branch		
	– COMPAREX AG Software	IT services	2015/16, expansion	650 new jobs	New Leipzig HQ, international takeovers 2013: 1,800 staff, 2016: 2,450 staff
	– Giesecke & Devrient GmbH	Banknote and securities printing work	2015/16, expansion		Extension of production area
	– St. Benno*	Publisher	2015/16, expansion	150	Expansion of corporate divisions, new publishing house building and dispatch area
Misc.	– Primark Leipzig	Retail	2016, Leipzig branch	334	5,800 sqm retail space, 2,000 sqm warehouse and offices

Marketing managers: Showcasing Leipzig



Valuable sources of information

The Office for Economic Development is responsible for producing several publications which are continuously updated. This ensures that a wealth of information is always available in order to promote Leipzig in the interests of current and future local employers.



EXPO REAL

Uwe Albrecht, Deputy Mayor of Economic Affairs and Employment, talks to Sergey Cheremin, head of Moscow's Department for External Economic and International Relations.

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

Websites

These days, the internet is clearly one of the foremost source of information and means of communication. Accordingly, it is an indispensable instrument for the Office for Economic Development's PR activities and seeking out new investors. It devises and updates a number of websites geared to the individual requirements and information needs of individual target groups in the economy.

Website	Hits and downloads in 2015
Business and research www.leipzig.de/wirtschaft-und-wissenschaft	156,804
Leipzig/Halle business region www.wirtschaftsregion-leipzig-halle.de	42,414
Energy Metropolis Leipzig www.energiemetropole-leipzig.de	72,304
www.kreativwirtschaft-leipzig.de Media and creatives	36,949

Information and services for employers

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

Joint portal for Leipzig and Halle

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

New website for networking in the energy sector

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

For media and creatives

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

Trade shows: In touch with the market

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

Clusterspezifisch:

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

as well as:

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

Business contacts all over the world

Network of contacts in the global economy

The Leipzig Office for Economic Development is increasingly cultivating its network of contacts in international companies and organizations. Trade missions to foreign target markets are fact-finding visits and an ideal networking opportunity for all participants.

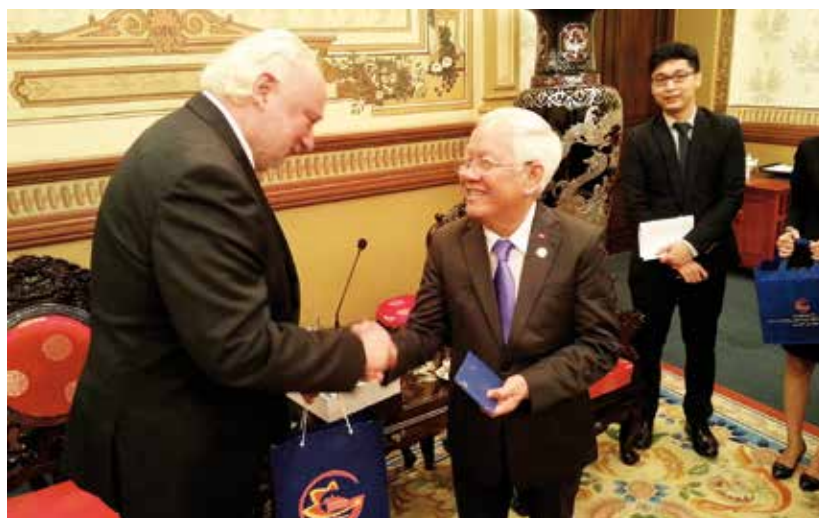
Leipzig showcases its innovation in Bern

Responding to an invitation from the German Ambassador to Switzerland, a delegation led by Uwe Albrecht (Leipzig's Deputy Mayor of Economic Affairs and Employment), attended the German Embassy's 1st Innovation Workshop in Bern on 7 April 2016. More than 100 Swiss companies and institutions came to find out all about Leipzig as a hub of business. The following discussion confirmed the high interest of Swiss business in Leipzig. New introductions were made in a relaxed atmosphere as visitors from Leipzig and Switzerland talked shop. At the end of 2016, Leipzig will be visited by a Swiss trade mission.

After the workshop, Leipzig's Office for Economic Development travelled to the canton of Ticino for its first-ever business meetings there. Particular interest was shown in the automotive and supply industry as well as healthcare and biotech in Leipzig during meetings with the city council and the chamber of commerce in Lugano. In November 2016, a delegation organized by Lugano Chamber of Commerce and Industry will attend meetings with potential business partners in Leipzig for the first time.

Economic relations with Japan expanded

From 8 to 12 March 2016, a Leipzig trade mission headed by Uwe Albrecht, Deputy Mayor of Economic Affairs and Employment, attended meetings in Japan. Visiting Tokyo, Osaka, Nagoya, Kobe and Toyohashi, the aim of the trip was to expand existing ties and make new business contacts. Intensive talks regarding logistics and the healthcare sector took place with the participation of Leipzig/Halle Airport and the German-Japanese Society. A reception hosted by the City of Leipzig in Tokyo on 9



March focused on Leipzig as a centre of science and research. The exclusive ambassadors representing Leipzig were St Thomas's Boys Choir conducted by Gotthold Schwarz and the Office for Economic Development.

Contacts renewed with Iran

Headed by Martin Dulig, Saxony's minister of economic affairs, in May 2016 a business delegation travelled to Iran. It included representatives of 12 companies from Saxony as well as other representatives from the regions of Saxony-Anhalt and Mecklenburg-Western Pomerania. Following the partial lifting of sanctions against Iran, businesses from eastern Germany are hoping for new sales opportunities particularly in the Iranian automotive industry and mechanical engineering. During meetings in Tehran, cooperation was agreed between automotive suppliers from eastern Germany and Iran, and representatives of the Iranian automotive industry were invited to Saxony. Business opportunities are also expected by companies operating in the areas of renewable energies and the healthcare sector.

Chairman of Ho Chi Minh City People's Committee Lê Hoàng Quân welcomes Dr Michael Schimansky, head of Leipzig's Office for Economic Development.

Consolidating cooperation with Vietnam

A cooperation agreement was signed during a Leipzig trade mission to Vietnam's booming metropolis Ho Chi Minh City in spring 2015. The core of the agreement comprised close collaboration between the two cities in the fields of healthcare, energy and environmental engineering, sustainable urban development, science, education and training. Furthermore, contracts were signed with Vietnamese companies and institutions in the healthcare sector. The two Leipzig companies TZ (Technisches Zentrum Entwicklungs- und Handelsgesellschaft mbH) and BfMC Biofeedback Motor Control GmbH are supplying a hospital in Ho Chi Minh City with an upstream swimming system and computerized exercise equipment for use in rehabilitation and sports medicine.



Good neighbours: Firm partners

Central Germany Metropolitan Region

The Metropolitan Region carries out projects geared towards the sustainable increase of innovation and competitiveness in central Germany under a variety of cooperation agreements. The overall aim of these projects is always to further develop the region's strengths and to responsibly shape the future of the region using creative ideas. Accordingly, the Central Germany Metropolitan Region regards itself as a dedicated driving force striving for a region of business, science and culture which is a great place to live and work in. To this end, every year the Metropolitan Region presents the IQ Innovation Award Central Germany to the most innovative companies in

the region. The intention behind this award is to promote ground-breaking, marketable products, processes and services in order to enhance the innovation and competitiveness of the regional economy. Under the auspices of the Metropolitan Region, the IMWS Fraunhofer Institute for Microstructure of Materials and Systems, and the central German Chemistry/Plastics Cluster, the possibilities of economic energy conversion, storage and transmission by means of hydrogen are being explored in the project HYPOS Hydrogen Power Storage & Solutions East Germany.

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



International activities for the Leipzig region

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In 2016, Invest Region Leipzig GmbH (IRL), which acts on behalf of the City of Leipzig, Leipzig CCI, and the districts of Greater Leipzig and North Saxony, was increasingly active internationally in its efforts to attract investors and skilled labour. Apart from Sweden, Israel and Switzerland, it focused in particular on the USA by directly contacting companies, incubators and start-ups on both the West and East Coast, including in Silicon Valley. In addition, IRL presented the Leipzig region and its capabilities throughout Germany and abroad at a variety of trade shows such as E-World Essen, Akademika Nürnberg, Vitalis Göteborg, CeBIT, Hannover Messe and IMTS Chicago. Thanks to the continuation of its activities and intensive follow-up, IRL is now in contact with a steadily increasing number of companies and other parties interested in Leipzig in all sorts of industries.



Built-up plots

The number of transactions for built-up plots reached the previous year's level. As in 2014, more refurbished than unrenovated buildings were sold in the market segment of apartment blocks. The purchase prices for unrenovated apartment buildings increased by 63% compared to 26% for refurbished blocks. In the case of built-up plots containing individual dwellings, 565 sales contracts were recorded in 2015 – just three cases fewer than in 2014. However, the sales volume rose by about 8%.



Property market on the rise

Sales climb substantially

In 2015, Leipzig's property market was characterized by a sharp increase in the volume of transactions and sales. The number of individual transactions rose by 926 to 7,568, an increase of 14% on the previous year. Total sales in the same period climbed by as much as 57% to about €2.82 billion. Growth in sales was particularly high for vacant building land and built-up plots.

Vacant plots

Sales of vacant building land were very stable in 2015. Transactions for vacant plots suitable for multi-storey buildings increased by a third, while total sales volume more than doubled. In some cases, high price increases were recorded for both plots for individual houses and land for multi-storey buildings. The average price paid for a plot for a detached house was about €85,000 in 2015, the average size being around 620 square metres. Owing to this substantial price increase, the Valuation Committee was forced to deviate from its two-year cycle of ground value assessment and updated its guidelines values after just one year with effect from 31 December 2015 (see also www.bodenrichtwert.leipzig.de).

Owner-occupied housing

Traditionally, about two-thirds of all real estate transactions are accounted for by this segment. The share of 'first sales' of refurbished dwellings (most of which are sold before redevelopment) is normally only slightly higher than the resale of previously refurbished properties. In

2015, however, far more transactions involved the resale of refurbished property or property built after 1990 than 'first sales'.

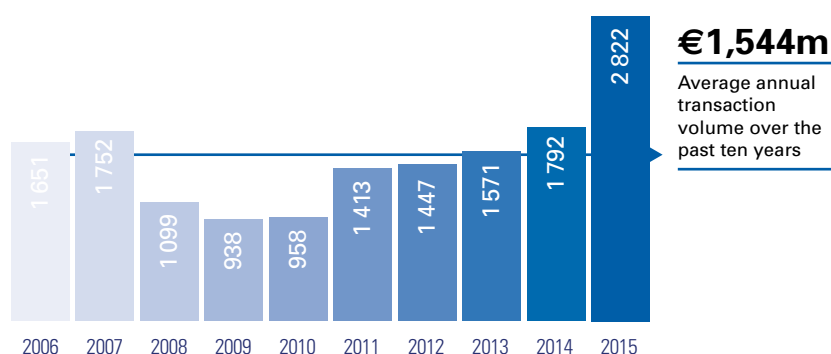
The average purchase price of refurbished owner-occupied housing ('first sales') also rose considerably again in 2015 by about 12% to €3,088 per square metre of living space, individual prices ranging from €1,978 to €4,177 per sqm (excluding parking spaces). Regarding the resale of refurbished owner-occupied housing (also excluding parking), prices ranged from €311 to €2,936 per sqm. The average price (€1,152 per sqm) was 3% above the previous year's level.

Apartments in new developments (including underground parking or an outdoor parking space) sold for an average purchase price of €3,184 (€2,040–€4,673) per sqm in 2015, 7% above the previous year's average. The number of transactions also rose slightly. Pre-owned newbuild apartments sold on average for €1,222 per sqm (including underground parking or an outdoor parking space).

Commercial property

The 39 sales of vacant commercial plots in 2015 matched the average transaction volume over the past decade. The prices paid for commercial land have hardly changed either in recent years. However, although transactions for built-up commercial sites remained stable, revenue was over twice that of the previous year. The segments with the highest revenue were retail premises, mixed commercial and residential properties, and office and administrative buildings.

Transaction volume in €m



In 2014, on the whole the property market in Leipzig was very stable again. Despite some minor shifts in individual areas, total transactions and turnover marginally exceeded the very high level of the previous year.
Source: City of Leipzig Valuation Committee, www.gutachterausschuss.leipzig.de

Regional cooperation in the development of commercial land

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

– www.wirtschaftsregion-leipzig-halle.de



Planning for the future: Northern Zone Concept Leipzig 2025+



Leipzig's Northern Zone is an economic driving force for the entire region – as demonstrated by the well over 15,000 jobs created there since the year 2000. However, this dynamic development has also exacerbated competition between different land users and impacted the local quality of life. In connection with long-term planning, future land claims are therefore to be analysed and a coordinated development strategy developed. Planning focuses on ensuring the compatibility of different aspects: trade and industry, quality of life, agriculture, green structures and compensatory areas. This strategic concept is being worked out on an informal basis together with Leipzig's neighbouring municipalities to the north.

Attractive sites for trade and industry

To ensure that sufficient land remains available for investments by large enterprises, suitable potential sites for commercial development are being identified in the Northern Zone strategy to safeguard future economic development. Work began by analysing the demand for extensive commercial investment over a period of at least ten years. At the same time, potential areas for compensatory measures are being selected in order to conjointly compensate for environmental impact nearby. In order to compensate the local population for future industrial development, measures to improve the quality of life have been drawn up with the general public. These urgently needed measures will be financed under an immediate action programme. The following objectives

are being pursued in the Northern Zone regarding quality of life, trade and industry, green structures and agriculture:

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



Managing premises for active business development



Stötteritz Media Centre: Listed printing works for the media and other sectors

Located in the district of Stötteritz, this building was erected in 1906 as a printing works. It was extensively refurbished and expanded in 1996, when it was named Stötteritz Media Centre. This business centre with floor space of about 6,300 square metres was originally only intended for firms working in the media. However, to meet the needs of the booming media cluster, in the year 2000 LGH developed mediacity leipzig not far from the headquarters of the mdr broadcasting corporation. Consequently, although many of the tenants do indeed work in the media, Stötteritz Media Centre is now also open to businesses working in other sectors.

LGH Leipziger Gewerbehof GmbH & Co. KG has been making a significant contribution to improving conditions for SMEs in Leipzig for 20 years. In this period, 12 business parks and trading estates with floor space totalling 130,000 square metres have been built in Leipzig for firms operating in various sectors. The current statistics – an occupancy rate of over 95% and more than 370 tenants – speak for themselves. The businesses operating on its premises especially appreciate the professional property management services performed by LGH, allowing tenants to concentrate on what they do best. All in all, LGH has invested over €200 million in the construction, acquisition and development of its portfolio of commercial real estate. The division of construction tenders into small lots and the regional award of maintenance and repair contracts strengthens the local economy.

GaraGe Technology and Trading Centre: Interesting usage concepts and historical industrial charm

This industrial building was built in 1912 in the district of Plagwitz. Renamed GaraGe, it was refurbished in line with its listed status in 2001 and is characterized by about 5,100 square metres of open-plan commercial space, which is currently used by two main tenants. One of them is indisoft GmbH, which has ideal conditions on the third floor to hold its training courses. The rest of the space is used by VDI – GaraGe gGmbH to organize a wide range of educational courses and projects aimed at youngsters where they can learn the basics of technology, engineering and business in a practical setting. The Engineering Learning Environments in December 2015 on an area of about 1,200 square metres give school students a hands-on opportunity to find out about future careers in areas such as renewable energy, nanotechnology and e-mobility.

ESA Elektroschaltanlagen Grimma GmbH

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

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Business park	Area (sqm)	Types of premises	Current availability
Heiterblick Business Park	18,900	Offices, industrial units, storage space	Offices and industrial units (from 30 sqm, from 100 sqm)
Weissenfelser Strasse Business Park	5,600	Offices, industrial units, customer service areas	commercial premises (from 70 sqm)
GaraGe Technology and Trading Centre	5,400	Offices, customer service areas	Commercial premises (from 1,100 sqm)
North-East Leipzig Business Park	10,000	Commercial units with offices and staff rooms	Commercial premises (from 250 sqm)
Paunsdorf Business Park	10,000	Commercial units with offices and staff rooms	Commercial premises (from 250 sqm)
Stötteritz Media Centre	6,300	Offices and customer service areas	Commercial premises (from 30 sqm)
Naumburger Strasse Business Park	9,500	Offices and industrial units	Offices and industrial units (from 26 sqm, from 100 sqm)
Business & Innovation Centre (BIC)	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 (TCJ)	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)



The Property Office: Assets for strategic projects



In 2015, the Property Office sold 68 landholdings and buildings (75,775 square metres) for a total revenue of €6,767,890.36. They included the sale of two commercial sites (1,026 square metres in total) enabling enterprises to relocate and safeguard their business. For example, following extensive refurbishment and modernization, a low building on Alte Salzstrasse was sold to a firm of decorators as its new head office.

Support for the economy

The Property Office contributes to economic and sustainable urban development by maintaining a strategic land bank and also maintaining and developing its own properties. Sales activities are primarily intended to save and create jobs by helping companies (especially SMEs) relocate or expand their premises.

In 2015, a total of 68 sales transactions representing 75,775 square metres of land and with a total value of €6,767,890.36 were concluded by the Property Office. By selling two commercial sites with a total area of 1,026 square metres, enterprises were enabled to relocate and safeguard their business. For example, following extensive refurbishment and modernization, a low building on Alte Salzstrasse was sold to a firm of decorators as its new head office.

Social infrastructure expanded

In order to meet requirements stemming from the rising population in Leipzig, a growing number of land holdings owned by the local authority cannot be sold because they are needed for municipal tasks. Population increase means stepping up the social infrastructure. Last year, the Property Office sold two sites with a total size of 2,325 square metres on behalf of the Department of Youth, Social Welfare Health and Education so that two more preschool centres could be opened.

Land changes due to sales in square metres

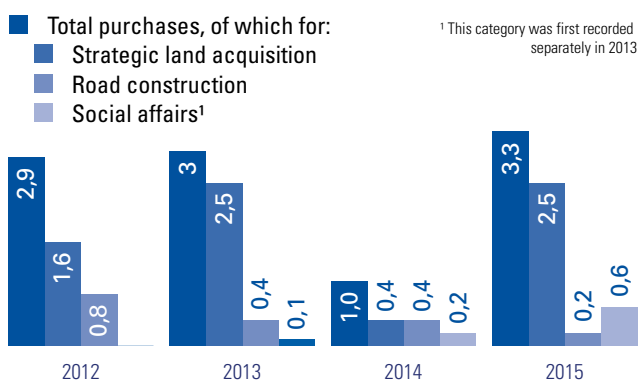
	2012	2013	2014	2015
Total sales	209,340	243,811	174,008	75,775
Of which:				
Commercial	20,063	62,066	80,787	1,026
Owner-occupied housing	19,792	146,578	54,912	24,801
Miscellaneous	169,485	23,116	37,414	47,603
Preschool centres		12,051 ¹	895	2,325

¹ This category was first recorded separately in 2013.

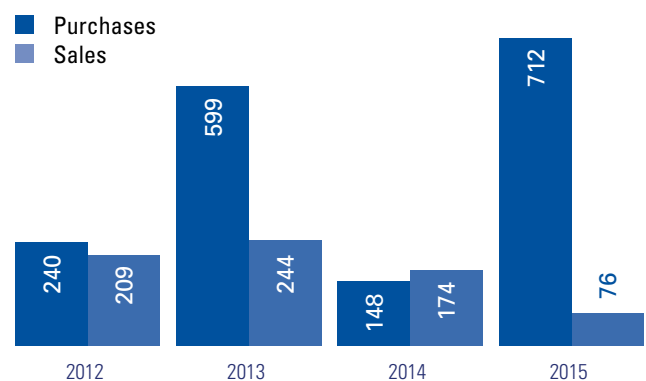
Strategic land acquisition to meet growing municipal challenges

Compared with previous years, land purchases were higher in 2015 (711,929 square metres, 44 land transactions). Land was bought in connection with urgent road works and urban planning measures decided by Leipzig City Council, to build schools and kindergartens, and also for strategic acquisition. Spending on this land totalled €3,332,011.22. In order to meet the demand for preschool centres south of central Leipzig, land was purchased to be used as playgrounds at a daycare centre.

Payments for land purchases (€m)



Comparison of land bought and sold (sqm)





In 2015, the number of asylum-seekers assigned to Leipzig rose sharply. Given this dynamic situation, providing housing for refugees is a major challenge for Leipzig. Therefore, about a hectare of land on Arno-Nitzsche-Strasse was acquired in order to accommodate asylum-seekers. The site's central location allows the adequate integration of 350 people and enhances urban development and social integration in the area.

Keeping track of future urban development

Since 2012 (with the exception of 2014), noticeably more land has been acquired than sold every year. Following a council resolution in 2015 to update Leipzig's property policy, the Property Office maintains a land bank of strategic development land and also purchases sites which are suitable for large commercial investments as well as for small businesses and manufacturing industry.

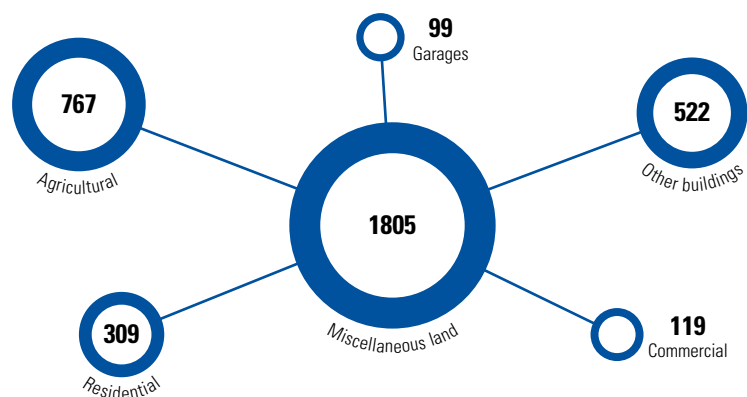
Income and expenditure in property management

The Property Office draws up income and expense accounts for economic property assessment. In 2015, revenues from letting and leasing amounted to €8,453,860.56. As part of its active property management, usage and disposal strategies have been drawn up since 2010. In 2015, the Property Office spent €2,385,577.05 on letting and leasing premises. That same year, the Property Office managed 3,694 tenancy agreements and leases (170 were concluded in 2015) and 543 leasehold contracts. For example, a leasehold contract was signed with a family business for the campsite at Lake Aue.

Real estate portfolio

The Property Office is responsible for all fiscal property not suitable or not used for administrative purposes. This currently amounts to an inventory of 5,713 parcels of land (5,070 complete parcels and 643 sub-plots). Since a piece of land may consist of one or more parcels and/or subplots, the Property Office currently manages 4,123 land holdings and properties.

Number of land holdings and buildings managed by the Property Office (2015)



Realization of measures for structural maintenance and hazard prevention

A total of 317 construction, repair, demolition and road safety measures were carried out on behalf of the Property Office at its own responsibility with a budget of approximately €965,000. One such example was the clean-up of petrol and diesel contamination on the grounds of Hans-Driesch-Strasse 2. Contaminated soil was replaced down to a depth of 5.8 metres within the space of just three months after cordoning off the site, paving removal, the dismantling of an underground oil separation unit and temporarily rerouting the drainage system.



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– City Archive

The City Archive is set to move into Hall 12, the former Soviet Pavilion, by 2018.

– Car showroom strip

Showrooms representing various prestigious car manufacturers offer a varied selection of new cars, used vehicles and motorcycles.

– Deutsche Bundesbank

The head office of the German Federal Bank's operations in Saxony and Thuringia is on the site's main thoroughfare.

– Eventpalast Leipzig

This entertainment and restaurant complex in the former Pavilion 16 contains about 4,000 sqm of space for events large and small.

– HIT supermarket in Hall 11

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

– Soccerworld

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

– Porta Möbel

This furniture superstore integrating the old portico on a site measuring 70,000 sqm was opened in autumn 2013.

– Stadler's bicycle shop

This bicycle shop will move into Hall 15 in 2018.



The old exhibition centre: Great heritage, great prospects

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

business, science and leisure with first-rate companies 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 3,000 jobs have been created there.

The future of Alte Messe

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

– BIO CITY LEIPZIG

21 established biotechs and start-ups operate out of one of Germany's biggest biotechnology centres costing €50 million.

– BioCube

Office and laboratory building housing for example a cord blood bank and a company developing enzymes and microbial strains for use in industrial biotech.

– Max Planck Institute of Evolutionary Anthropology

The over 400 members of staff explore the history of mankind.

– IZI Fraunhofer Institute for Cell Therapy and Immunology

A modern research structure with an area of about 8,750 square metres built in three phases was completed in mid-2015.

– iDiv German Centre for Integrative Biodiversity Research

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 for founders and start-ups at BioCity.

– Haema blood donor service

The headquarters of Haema AG contains state-of-the-art cold storage areas and processing systems for blood products on an area of 24,000 sqm.

– German National Library

The fourth wing with an additional 14,000 sqm of floor space was completed on Deutscher Platz in 2012.

– www.alte-messe-leipzig.de

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Lindenau Harbour: A new waterside district

Lindenau Harbour is an area offering enormous potential in west Leipzig. The completion of the canal joining Karl Heine Canal to Lindenau Harbour and the redevelopment of the area in mid-2015 will regenerate the abandoned port into a new district. For example, the boroughs of Lindenau and Plagwitz will be more closely linked to Grünau. Development alongside Karl Heine Canal is continuing like a blue ribbon, with old industrial buildings being repurposed into multifunctional projects and stimulating the revitalization of surrounding districts.

A varied district for all

Lindenau Harbour is situated about 4km away from the city centre. Its location on the canal and the harbour basin, the impressive industrial architecture, and the directly adjacent Schönaauer Lachen biotope lend the area its own unique charm blending urban features with rural elements. Furthermore, the area enjoys good tram and bus links – and there are a number of charming routes alongside the canal link for those wishing to walk or cycle to central Leipzig.

Lindenau Harbour will be a new district reflecting Leipzig's character: a residential district close to both urban amenities and the countryside, a wide variety of water and land based leisure and recreational facilities, and of course shops, cafés and restaurants. A varied district where everyone feels at home.

Meticulously shaping the future

The first high-rise apartments in Leipzig since 1990 are being built on one of the few remaining waterside locations as part of the modern, vibrant new district emerging. It's an important opportunity for the development of Leipzig as its population expands – and is being carried out meticulously. In addition to standard urban restructuring programmes and European Union funds, for the first time Leipzig has made use of a revolving urban development fund for the area's sustainable development. Developers wishing to buy land are chosen by not just the price they bid but also the plans they put forward. In addition, all buyers must undertake to execute their plans quickly. To support home ownership, some plots have been advertised exclusively for owner-occupiers. As well as four- and five-storey residential buildings, individual, family-friendly townhouses are also encouraged. With the first six large plots and also a number of smaller ones for townhouses sold in 2015 and 2016, marketing activities are now underway for the second phase. The City of Leipzig has pledged to ensure this inviting area is developed responsibly.

— www.lindenauer-hafen.de
— www.leipzig.de/lindenauer-hafen



Variety on one of Leipzig's latest waterside developments

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



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With the DFB German Football Association having been founded in Leipzig back in 1900, you might expect the city to have a team in the Bundesliga. In 2016, RB Leipzig was finally promoted to the country's top division – and Leipzig is now a Bundesliga city. The team achieved its ascent along the lines of a strategic investment, steadily rising from one division to the next thanks to a generous, methodical sponsor. Young, mainly local talents are joined by experienced players from further afield at the club's modern training ground. RB Leipzig is a brand – and the team's rise has increased Leipzig's brand equity.

Excellent brand equity: RB Leipzig



Sporting Leipzig: Top of the league

Centre of amateur and elite sport

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

Over 90,000 residents (including nearly 25,000 youngsters) regularly play 110 different sports in 400 clubs. In 2009, the City of Leipzig adopted a detailed agenda setting out the further development of local sport and sports facilities. The 2015 Sports Programme for the City of Leipzig is almost 300 pages long and covers every angle – from amateur sport and club-based activities to top-flight youth sport and elite sport. The follow-up programme is expected in mid-2016 and will contain a roadmap for the development of sport and sports amenities in Leipzig until 2024.

Home of elite sport

Since 1912, 158 Leipzigers have garnered a total of 223 medals at the Olympics and Paralympics. The foremost event currently on the minds of most of Leipzig's top athletes is the 2016 Olympics in Rio de Janeiro.

Top-flight and amateur sports events aren't by any means confined to Leipzig Arena and the Red Bull Arena. For example, the FEI World Cup Finals in jumping, driving, dressage and vaulting have been held annually for several years at the Leipziger Messe exhibition centre – to the approval of both spectators and participants.

Meanwhile, in the 2016/17 football season, local team RB Leipzig will be playing in the Bundesliga (Germany's top soccer division) for the very first time. The club draws sell-out crowds of 45,000 to its league and cup matches at the Red Bull Arena near the city centre. After more than two decades, first-division soccer has finally 'come home' to the city where the DFB German Football Association was originally founded.

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



Top-level club sport is also regularly enjoyed by spectators at the league and cup fixtures played by Leipzig's two teams in the Handball Bundesliga: Handball Club Leipzig (ladies) and SC DHfK Leipzig (men). And the LE-Volleys squad is still holding its own in the second division of the national volleyball league.

Prestigious hub of sports science

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

International sports events

In the more than 13 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 2016, the arena was used to stage the German Indoor Athletics Championships for the sixth time. And sports fans from Leipzig and elsewhere are expected to flock to Leipzig Arena for the Fencing World Championships and the Ladies' Handball World Championships in 2017.

Top-division handball

Both the ladies' and the men's handball teams from Leipzig play in the Handball Bundesliga.



In 2016, the German Indoor Athletics Championships were held at Leipzig Arena for the sixth time.



The arts in Leipzig: Classical values, modern quality

Leipzig is one of Europe's foremost cities of culture. Highlights include the Gewandhaus Orchestra and St Thomas's Boys Choir, the city's vibrant arts scene, and a wide variety of fascinating museums. This exceptional diversity is continuously nurtured by above all Leipzig's citizenry and farsighted business classes.



The arts in Leipzig: Charismatic culture and experimentation

In Leipzig, the various cultural currents and traditions – tolerance and openness, the diversity of the cultural scene and local ways of life – influence and inspire each other. They have contributed to Leipzig's reputation as an ever-young, dynamic, cosmopolitan city of culture and boosted its development. It's partly owing to the high quality and unique density of the cultural infrastructure that Leipzig is perceived internationally as a city of freedom and cultural diversity. Leipzig's cultural ambition has helped it become one of the fastest growing cities in Germany. The city's cultural life is embodied in historical institutions such as

the Gewandhaus Orchestra and St Thomas's Boys Choir as well as the vibrant contemporary art scene and club culture. The young, experimental cultural sector develops innovative projects in a process of debate and dialogue with renowned cultural institutions. This cultural blend generates a unique atmosphere inspiring many people to move to Leipzig – often for good.

Anniversaries in 2015

- 1000th anniversary – First mention of Leipzig
- 850th anniversary – Market and town charter
- 850th anniversary – Leipzig Fair
- 850th anniversary – St Nicholas's Church
- 600th anniversary – Faculty of Medicine
- 300th anniversary – Christian Fürchtegott Gellert
- 150th anniversary – ADF League of German Women
- 120th anniversary – Inauguration of Imperial Court of Justice
- 100th anniversary – Completion of Leipzig Central Station
- 10th anniversary – BMW in Leipzig

Highlights until 2020

- 2016 – 100th anniversary of Max Reger's death
- 2016 – 300th anniversary of Gottfried Wilhelm Leibniz's death
- 2016 – 100th German Catholic Convention (25–29 May)
- 2017 – 500th anniversary of the Reformation – 1st Protestant Church Convention Pilgrimage, 25–27 May
- 2018 – 275th anniversary of the Gewandhaus Orchestra
- 2019 – 500th anniversary of the Leipziger Debate
- 2020 – 100th anniversary of Max Klinger's death



Art and music for Leipzig's millennium

In 2015, Leipzig celebrated its millennium as a city of free burghers by staging a grand procession led by five large lion heads representing important themes for the city: trade & industry, art & culture, science & education, publishing & the media, and sport & the environment. The millennium year ended with a party on Richard-Wagner-Platz on 20 December 2016 – for exactly 1,000 years beforehand, on 20 December 1015, Leipzig entered recorded history when 'urbs Libzi' was mentioned by Thietmar, Bishop of Merseburg, in his chronicle. The millennium year was accompanied by many cultural highlights, such as a Paul Klee exhibition at the Museum of Fine Arts. And it was crowned by a world record initiated by the Leipzig Music Trail Association for the highest number of concerts taking place concurrently, with 60 simultaneous performances of domestic music on 21 November.



Max Reger: Discovering the beauty of his music

The City of Leipzig has marked the centenary of Max Reger's death with a festival year intended to restore the prestige his compositions deserve. "Admittedly, not everyone will become a fan of Reger," declared Herbert Blomstedt, patron of the Max Reger Festival, erstwhile director of the Gewandhaus, and now honorary conductor there. He described Reger as one of the last universal composers and expressed his admiration for his music. And he recommended taking time for Max Reger, saying: "The beauty of his music needs to be discovered." There's plenty of opportunity to do so in 2016, especially in Leipzig, the city where Max Reger died 100 years ago and was closely associated with as both director of music of Leipzig University and a professor at the Royal Conservatory.

Exhibition preview

30 October 2016 – 22 January 2017
Sighard Gille. Restless (Museum of Fine Art)

24 November 2016 – 28 May 2017
Giving.Room.Thought. Artists design rooms for reflection (Grassi Museum of Applied Art)

12 February 2017 – 18 June 2017
Emil Nolde and Die Brücke (Museum of Fine Art)

22 June 2017 – 1 October 2017
Bikes! Reinventing the bicycle (Grassi Museum of Applied Art)

Reformation's quincentenary preceded by Catholic Convention in Leipzig



The final mass of the 2016 Catholic Convention in Leipzig was attended by almost 20,000 people, while approximately 40,000 visitors came to the city during the four days of the Convention. It invited Christians and non-Christians alike to enter into dialogue about faith, politics and society as well as internal church affairs such as the diaconate of women. In 2017, the 500th anniversary of the Reformation, the German Protestant Church Convention taking place in Berlin and Wittenberg will also visit Leipzig under the banner of 'The Sound of Leipzig: Music, dispute, life'. After all, church music plays a key role in Lutheran religious practice – and Leipzig has always figured prominently in Protestant church music thanks to the 800-year-old St Thomas's Boys Choir and especially its cantor, Johann Sebastian Bach. In addition, attention will be paid to the Leipziger disputations. Leipzig was the podium for these exchanges of views and remains a cosmopolitan, tolerant city where passionate debates addressing major world issues take place in a spirit of openness and non-violence.

Culture strengthens cities and regions



According to a study by the ifo Institute in 2015, public-sector investment in cultural institutions has a positive effect on the prosperity of the city and region. In Leipzig, spending on the arts accounts for about 8.6% of the total municipal budget. Although much of this goes to Leipzig Opera House, the Gewandhaus and the Schauspiel theatre company, museums and the fringe scene are also subsidized, enabling the city's diverse cultural life to flourish. St Thomas's Boys Choir and the Gewandhaus

Orchestra are two Leipzig institutions which regularly perform abroad. Founded in 1743, the orchestra enjoys an excellent reputation as one of the world's best. Previous musical directors include Felix Mendelssohn, Kurt Masur und Riccardo Chailly. In the 2017/18 season, Andris Nelsons – one of the world's most sought-after young conductors – will become the Gewandhaus Orchestra's conductor.



A stage for the culture of welcome

Leipzig lives diversity – now more than ever with the presence of migrants and refugees. Many cultural institutions in the city ranging from the community college and libraries to the museums and theatres have organized activities for the new arrivals. The Young World Theatre staged a play dealing with flight and

asking who refugees are and why they come here. It's a play that brings different people together: migrants living in Leipzig, locals working with and for migrants, citizens with and without a migration background, and actors from the Young World Theatre.

St Thomas's Boys Choir visits Israel



In 2015, Germany celebrated the 50th anniversary of the establishment of diplomatic relations with Israel. To mark this occasion, St Thomas's Boys Choir travelled to Israel to perform four concerts, singing the Christmas Oratorio by Johann Sebastian Bach with the Gewandhaus Orchestra. In Tel Aviv, the choir performed in the presence of German President Joachim Gauck and Israeli President Reuven Rivlin. At the end of the trip, the singers visited

the Yad Vashem memorial. The anniversary was also reflected during Leipzig Jewish Week. One highlight was an exhibition of photographs by Rudi Weissenstein (1910–1992), who amassed the largest private photo archive in Israel comprising over a million negatives, and in May 1948 was only person permitted to photograph the ceremony marking the foundation of the State of Israel.



Leipzig New Lakeland

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



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

Feel-good Leipzig: Big and green

Leipzig breathes quality of life

The sheer extent and variety of green spaces in Leipzig come as a surprise to many visitors and even some locals! Seen from above (such as from the Monument to the Battle of Leipzig or the 142m-tall tower block on Augustusplatz), Leipzig appears blissfully green. In fact, green spaces easily accessible to young and old alike account for 15% of Leipzig's total area of 297.6 square kilometres. The most popular places among those in need of fresh air and recreation are the Auenwald 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 are joined by about 100 natural monuments and over 150 protected biotopes. What's more, allotments are especially popular in Leipzig. There are 38,598 allotments in 278 allotment parks covering an area of 1,237 hectares. Leipzig's 'green lungs' also include the roughly 400 playgrounds in Leipzig's parks and gardens.

Leipzig Zoo: In touch with nature

Being one of the most modern zoos in the world, since the year 2000, Leipzig Zoo has been transforming itself into a 'zoo of the future' where animal welfare is combined with extraordinary encounters with animals for visitors and global commitment to the protection of species. Many pioneering projects setting worldwide benchmarks such as the Gondwanaland tropical experience and the Pongoland ape enclosure have already been completed. This progress is continuing unabated with Leipzig Zoo opening yet another attraction this year: its new Koala House, where koalas can now be admired for the first time in the zoo's 138-year history. Parallel to this, work has begun on the next master plan project: the Himalayan high-mountain region, where the endangered snow leopard and red panda will take up residence in 2017. In 2016, Leipzig Zoo is celebrating three special anniversaries: the fifth anniversary of the opening of Gondwanaland, the tenth anniversary of the Ganesha Mandir elephant temple, and the fifteenth anniversary of Pongoland.

— www.zoo-leipzig.de



Living in Leipzig: Atmosphere, diversity, quality



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 mostly surrounded by extensive woodlands and parks. In some prime areas of Leipzig, demand already outstrips supply.

Leipzig's housing market has noticeably picked up in recent years in response to the large influx of population and clearly entered a new phase of development. Demand has substantially risen for both refurbished and newbuild housing. Since spring 2015, housing in Leipzig has still been inexpensive compared to the rest of Germany, although rents have now started to rise moderately. Since 2009, the average rent excluding bills in existing properties has climbed by about 8% with total rent increasing by approximately 7%. However, since domestic income also risen in the same period, the proportion of income spent on rent has remained stable, and an average household in Leipzig still spends about one third of its net income on rent and bills. At the end of 2014, there were 331,748 dwellings in Leipzig, about 22,000 of which (nearly 7% of the housing stock) were thought to be vacant.

Quelle: Stadt Leipzig, Amt für Statistik und Wahlen.

Challenges of growth

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

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

Dwelling size (sqm)	Pre-1919	1919–1945	1946–1960	1961–1990	From 1991	Roof conversion
≤45	€5.43	€5.73		€5.48	€5.95	€6.28
46–60	€5.04	€5.19	€5.14	€4.64	€6.00	€5.26
61–75	€5.17	€5.13	€5.31	€4.42	€5.57	€5.25
76–90	€5.18	€5.10	€4.87	€4.31	€5.86	€5.64
>90	€5.51	€5.32		€4.13	€6.36	€5.85
total	€5.24	€5.22	€5.20	€4.64	€5.92	€5.51

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





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



A pro-family attitude: Vital for the economy

Families welcome!

'Families welcome!' is the friendly motto of the City of Leipzig's Family Information Office. Located right next door to New City Hall on Burgplatz, visitors can obtain useful information relevant to families. Moreover, young parents receive Welcome Packs for their new-born children. This is a token of Leipzig's appreciation and underlines just how welcome children are in the city! The Welcome Pack contains useful details about the services available to families and relevant public institutions. It also comes with a number of useful free gifts designed to make it easier for parents to look after their baby. And the accompanying BabyCard allows adults with a baby a year's free travel on Leipzig's public transport network. The Welcome Pack has been available since March 2012. Funded by the City of Leipzig as well as the Leipzig Group (which is in charge of municipal utilities and public transport), so far the Welcome Pack has been received by over 20,000 young parents.

Since May 2015, key information has also been published in the monthly Leipzig Baby Diary. Containing advice on breastfeeding, how to apply for child benefit, the locations of family centres and emergency addresses, it also includes many other useful addresses and phone numbers.

— www.leipzig.de/fib

A diverse education sector

Leipzig's education sector offers a good environment for lifelong learning. Childcare is provided by a dense network of day nurseries and childminders. Parents can then choose between public and independent schools with various specializations and educational concepts for their children. Many students also opt for Leipzig, the city's advantages including 10 universities and universities of applied sciences covering various fields, and nearly 40 research institutes and scientific centres, not to mention affordable housing and attractive cultural and leisure amenities. When it comes to professional and personal development, apart from the many private training centres, the Adult Education Centre is a good place to start.



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

- 7,184 places for children aged up to three at crèches
- 19,483 places at nursery schools
- 19,529 places at after-school clubs for primary school children
- 2,789 places in child day-care centres

(Figures correct as of April 2016)



Schools in Leipzig

State schools

In the 2015/16 academic year, Leipzig had 124 state schools attended by a total of 39,841 pupils, including 801 at schools run by Saxony. The schools include:

- 66 primary schools
- 24 secondary schools
- 17 grammar schools
- 15 special-needs schools
- 1 experimental school (Neighbourhood School, Years 1–10)
- 1 hospital school

Free schools

The range of education in Leipzig is enhanced by 27 free schools attended by 5,888 pupils, including:

- The Episcopal Maria Montessori School Centre
- Leipzig Free School
- Two free Rudolf Steiner schools

– www.leipzig.de/jugend-familie-und-soziales/schulen-und-bildung/schulen

Education: International, intercultural

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

Franco–German Education Centre: AbiBac at Reclam School

Unlike other schools, Reclam School teaches some regular subjects in French, too. Pupils attending the bilingual stream can now study for the AbiBac – a dual qualification consisting of both the French Baccalauréat and the German Abitur which was first awarded in 2013. Reclam School has been part of the Franco–German Education Centre since 2011 – 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

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

– www.intschool-leipzig.com

New bilingual grammar school

The gradual establishment of a new grammar school with strong emphasis on the English language in the borough of Schönefeld began in August 2014. In Years 5 and 6, pupils are prepared for bilingual teaching. Starting in Year 7, certain modules in subjects such as geography, history and ethics are taught in English. Pupils also choose a second foreign language (French, Latin or Russian). In Year 8, students specialize in either languages or the humanities.





Winners of the 2016 CCI School Competition

Form 9K1, Trebsen
Comprehensive School
Social project: Making a wall of touch and the senses as well as a flower column for a retirement home in Grimma

Form 9c, Lossatal
Comprehensive School
Social project: Opening horizons – because life continues beyond the horizon

Form 9c, Portitz
Comprehensive School
Social project: Collection of used school supplies for refugee children and painting the school building

Tomorrow's skilled workers: Qualified for big responsibilities

'Business back to School': New CIC campaign launched

Two years ago, Leipzig Chamber of Commerce and Industry rolled out a sustainable campaign at comprehensive and grammar schools entitled 'Business back to school'. At several schools in the Leipzig region, seasoned employers take part in lessons to give school students an insight into everyday business. They talk about their personal career, their organization, the opportunities and risks of entrepreneurship, and business matters, and also highlight career opportunities in their sector. Apart from presenting employers in a positive light, the initiative is designed to familiarize school students with their work. Another aim is to encourage young people to seek jobs in management.

— www.leipzig.ihk.de/schule

School competition: 'Best Year Nine'

Teamwork pays, and not just in the world of work – which is why in 2015 Leipzig Chamber of Commerce and Industry launched the school competition 'Best Year Nine' in Leipzig and the region. In its first year, 45 classes from 28 schools entered. To have a chance of winning, the whole class has to have a good average grade in their February reports and have an example of voluntary teamwork by the class in connection with a social project assessed by an independent jury. Said Dr Thomas Hofmann, CEO of CCI Leipzig: "By staging the competition, we wanted to encourage participating classes to improve their grades in order to boost their chances of becoming trainees. Moreover, we wanted to show that success depends on social interaction and that values like helpfulness, dedication and team spirit are indispensable in society."

— www.leipzig.ihk.de/besteneunte



Solid training in manual trades

In 2015, 1,262 young people began an apprenticeship in a skilled trades firm in and around Leipzig. The number of new trainees in Leipzig was 652. Training is carried out in 92 different careers.

Vocational rehabilitation

BFW Leipzig has specialized in vocational rehabilitation for more than twenty years. Its 209 employees train people who can no longer work in their chosen field due to illness or accident. The individual retraining, qualification and integration schemes are an important contribution to not just getting people back to work but also tackling the lack of certain skills in the regional economy. BFW also runs further training courses. By mid-2016, 234 rehabilitees had received training in 20 different professions.

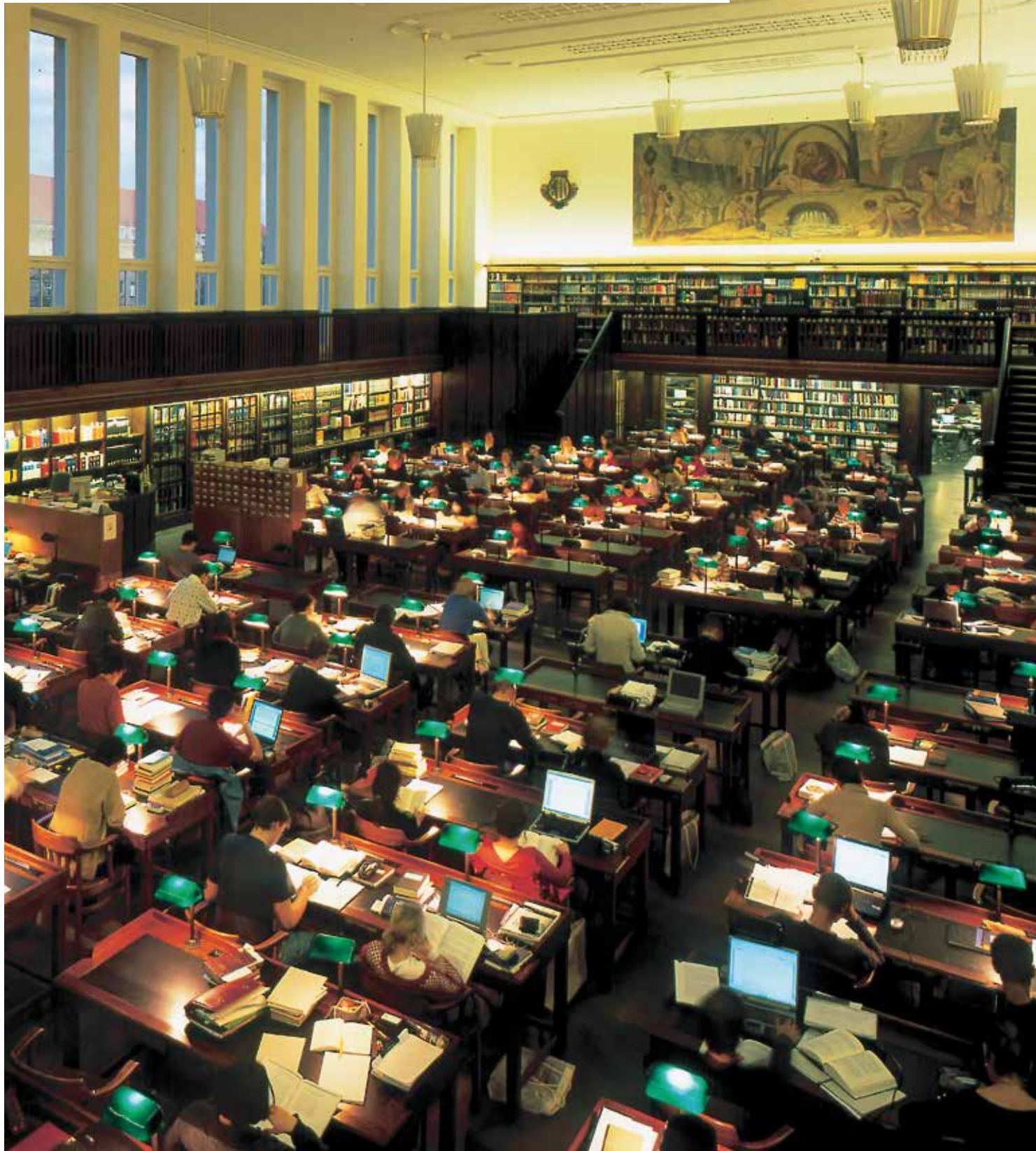
— www.bfw-leipzig.de



EINE INITIATIVE DER IHK ZU LEIPZIG

Theoria cum praxi: What occasion could be more fitting to put this far-reaching claim to the test than this, the 400th anniversary of the death of Leipzig-born polymath Gottfried Wilhelm Leibniz? Leipzig, a centre of science of learning, is indebted to the legacy of its great son. Even a cursory glance at the thematic map 'Science in Leipzig' illustrates the productive – and creative – interaction between Leipzig University and non-university research at the city's Fraunhofer, Max Planck, Helmholtz and Leibniz institutes. Pure and applied research develop their own momentum. Discoveries lead to innovation. And partnership pays off for industry.

Leibniz spurs Leipzig on



Exceptional higher education and research

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

Milestones in the scientific community

- 2016** — DBFZ German Biomass Research Centre: Foundation stone laid for new complex including pilot plant, laboratories, offices and seminar rooms
 - HTWK: Graduate 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, continuing the work of the Translational Centre for Regenerative Medicine
- 2015** — HTWK: Faculty of Mechanical and Energy Engineering opens new main building (Nieper Building)
 - IZI: Second extension completed
 - UFZ: ProVIS lab opened
 - IFB Integrated Research and Treatment Centre for Adiposity Diseases: Funding extended until 2020
- 2014** — HGB Leipzig Academy of Visual Arts: 250th anniversary
 - KUZ Leipzig Plastics Centre: MiKA Microplastics Technology Application Centre opened
 - Leipzig University: High Performance Computing Cluster launched for biodiversity research
 - Leipzig University: Faculty of Medicine's Central Research Building – refurbishment completed
 - HHL: SpinLab – HHL Accelerator founded; Cologne branch opened
 - Saxon University of Cooperative Education: New library built
- 2013** — Leipzig University: Technikum/Analytikum lab centre reopened after modernization; Logistics Living Lab opened; Graduate School of Global and Area Studies founded
 - DBFZ: Bioenergy Innovation Centre opens
 - Responsibility for HfTL passes to HfTL-Trägergesellschaft mbH, a wholly owned subsidiary of Deutsche Telekom
 - Leibniz Institute for Surface Modification: Extension completed
 - Leipzig University Hospital: Institute for Transfusion Medicine opens
 - HHL: Academic House inaugurated
- 2012** — iDiv German Centre for Integrative Biodiversity Research Halle–Jena–Leipzig founded
 - DBFZ: Biogas research plant opens
 - HTWK Leipzig: Operation training unit opens at Life Science Engineering Research Centre
 - IZI: First extension completed
 - Leibniz Institute for Surface Modification: nanoAnalytikum completed
- 2011** — BIO CITY LEIPZIG: Construction of BioCube begins
 - Leipzig University Hospital: Building work starts on dental clinics
 - German National Library: Extension opens
 - HHL: Schmalenbach Building opens
- 2010** — DBFZ: Building work begins
 - HTWK: Life Science Engineering Research Centre opens
 - Leipzig University: First phase of Faculty of Medicine's Central Research Building opened; approval granted for IFB Integrated Research and Treatment Centre for Adiposity Diseases
- 2009** — Leipzig University: LIFE Leipzig Research Centre for Modern Diseases receives go-ahead
 - Leipzig University: CAS Centre for Area Studies founded
 - Leipzig University: 600th anniversary
 - HTWK: New library opened
 - HTWK: New Media Centre opened
 - IRDC GmbH International Reference and Development Centre for Surgical Technology Leipzig opened
 - Leipzig Student Services: Park Refectory opens
- 2008** — MPI for Human Cognitive and Brain Sciences: Extension completed
 - Leipzig University: BuildMoNa Graduate School (Leipzig School of Natural Sciences – Building with Molecules and Nano-objects) receives go-ahead
 - Leipzig University: Confucius Institute opened
 - IZI: New building completed
 - Leipzig University Hospital: New building for Centre for Internal Medicine, Neurology and Nuclear Medicine completed
 - DBFZ German Biomass Research Centre founded
 - FOM College of Business and Management opens Leipzig branch

Contact

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Office for Knowledge Policy
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A total of 29,227 students are enrolled at Leipzig University, which has 8 humanities and social science faculties, 1 medical faculty, 1 veterinary faculty, and 4 faculties devoted to mathematics and the natural sciences. It employs nearly 5,000 people, including about 3,100 academic personnel.

Leipzig University: A source of knowledge for pioneers

Leipzig University (founded in 1409) conducts a wide range of research in the life sciences, the humanities and social sciences, and the natural sciences. Its research strengths are reflected in the strategic research areas 'Changing Orders in a Globalized World', 'Smart Intelligent Methods and Materials' and 'Sustainable Foundations for Life and Health'. The 14 faculties currently teach 154 degree programmes. The Research Academy Leipzig set up in 2006 is devoted to structured training for doctoral students. Currently more than 700 people are studying and researching for PhDs at Leipzig University, a world-renowned centre of education for junior academics.

— www.uni-leipzig.de



With external funding of €11 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 combines practical teaching with applied research. 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 and

mathematics. About 6,200 students are currently enrolled at HTWK, while more than 70 junior scientists are taking doctorates in collaborative processes and with the support of the Graduate Centre founded in 2016. Setting great store by networking and collaboration with companies from the surrounding region, elsewhere in Germany and Europe, the university's excellence is demonstrated by numerous externally funded research projects.

— www.htwk-leipzig.de

HHL teaches full-time and part-time MBAs and MScs in business management. 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 Graduate School of Management: In business worldwide

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

— www.hhl.de



Felix Mendelssohn Bartholdy University of Music and Theatre

Originally founded in 1843 by composer Felix Mendelssohn as Germany's first conservatoire, 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 League 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



Saxon University of Cooperative Education: Dual brilliance

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

— www.ba-leipzig.de



HGB Academy of Visual Arts

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

— www.hgb-leipzig.de

Leipzig School of Media: Training communication professionals

The Leipzig School of Media (LSoM) provides part-time further training for people working in journalism, communication, marketing and public relations. A subsidiary of Sparkasse Leipzig's Media Foundation, it offers four master's programmes and a variety of individual courses as well as in-house seminars for commercial companies. Based at Media Campus Villa Ida in the Leipzig district of Gohlis, the Leipzig School of Media works closely together with Leipzig University and HTWK Leipzig University of Applied Sciences. LSoM's main objective is to help companies and organizations manage digital change and its repercussions.

— www.leipzigschoolofmedia.de

Every year, the 1,100 students at the University of Music and Theatre demonstrate their proficiency in about 700 performances, such as in this 2016 production of Peter Maxwell Davies's opera 'Kommilitonen!'.



HfTL: The future starts here

With its profile in ICT (information and communications technology) unique in Germany, HfTL Deutsche Telekom University of Applied Sciences for Telecommunications pursues science and innovation in one of the fastest-growing industries. These are technologies which in our digital age link people and machines together. The practical degree programmes taught by HfTL address the present and future of areas such as mobile communication, the internet, business information systems, the Internet of Things, and data protection. Known for its state-of-the-art facilities, outstanding lecturers and excellent ties to industry, this state-recognized private university offers a wide range of accredited degree programmes. Collaboration with partners from Germany and abroad is a constant source of stimulus for practical teaching and research at HfTL, benefiting above all its students. With currently over 1,200 students enrolled on its direct, dual and part-time bachelor's and master's degrees, HfTL plays a vital part in ensuring Leipzig remains a bastion of state-of-the-art ICT.

— www.hft-leipzig.de

FOM College: Part-time degrees

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

— www.fom.de

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



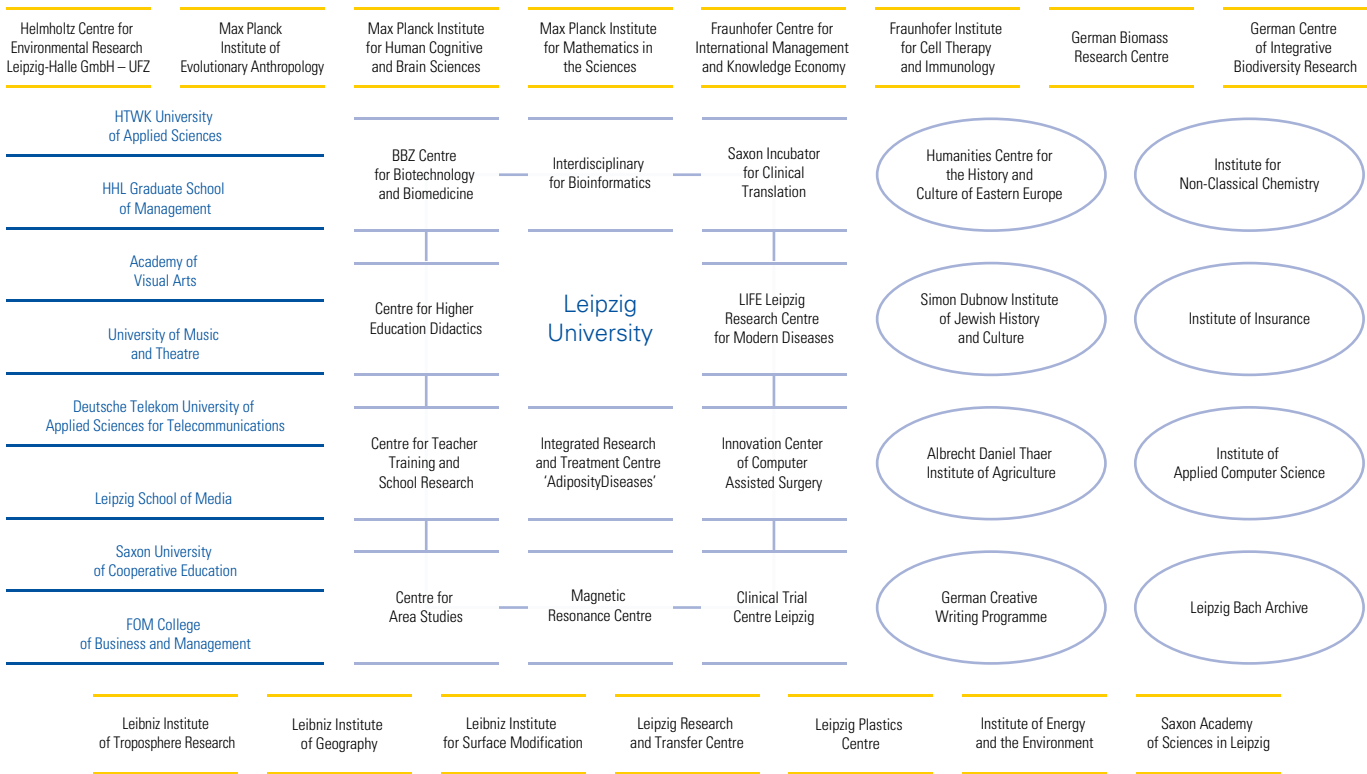
In 2015, over 3,000 research projects received external funding totalling €131 million, 9% of which came from the private sector.

Research for industry: A hallmark of quality

The economic region of Leipzig has enormous R&D potential at its disposal thanks to Leipzig University, 10 other colleges and universities, 3 Max Planck Institutes, 2 Fraunhofer Institutes, and a number of non-university research centres. Leipzig University consolidates its reputation with its interdisciplinary research activities, including in a DFG German Research Foundation research centre, 5 collaborative research projects, 8 postgraduate research units, 3 International Max Planck Research Schools, and 3 DFG groups. Particularly important are the nearly 700 joint projects with industry. In the higher education sector, a third of such projects have been carried out with regional companies, ensuring that research findings are swiftly put to practical use. BIO

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

Training and research in Leipzig (selection)





Bright light shines on a beaker containing a green liquid. Postgraduate engineer Babu Halan uses cyanobacteria (which, like green plants, are capable of photosynthesis) to produce electricity and hydrogen with sunlight.

UFZ Helmholtz Centre for Environmental Research

Researchers at the UFZ Helmholtz Centre for Environmental Research explore the causes and repercussions of the far-reaching changes affecting mankind's environment. They explain the complex systems and relationships in the environment and recommend practical instruments and action plans to government, the private sector and the general public. UFZ's 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.

SOMA: Solar materials

UFZ has expanded its scientific expertise in biotechnology to solar materials. Researchers in the Department of Solar Materials (SOMA) are developing new concepts based on the principle of 'bioartificial photosynthesis', in which the natural capability of photoautotrophic cyanobacteria to split water with solar energy and simultaneously bind the greenhouse gas carbon dioxide is harnessed. This results in two useful products: hydrogen, a promising energy carrier of the future, and carbon intermediates, which can be converted by means of (partly artificial) cell metabolism into various chemical compounds without harming the environment. However, there are currently three snags: only tiny amounts of these substances arise, they continue to react, and the reaction systems are highly unstable. The aim is now to create technically relevant quantities of these products. The ultimate goal is to control the biochemical 'short circuit' in which hydrogen is directly generated from water.

— www.ufz.de/index.php?de=34239

Globally networked centre for biodiversity research

The objective of the iDiv German Centre for Integrative Biodiversity Research Halle–Jena–Leipzig is to provide the scientific basis for the sustainable management of global biodiversity. It is operated by the universities of Halle, Jena and Leipzig in conjunction with the UFZ Helmholtz Centre for Environmental Research. iDiv has grown rapidly since its foundation in 2012, with 172 personnel working at its headquarters in Leipzig by May 2016. The international study groups examine various aspects of biodiversity in four areas of research: (1) Patterns, (2) Processes, (3) Functions and (4) Society.

Experts from around the world frequently attend workshops in Leipzig hosted by the sDiv Synthesis Centre, which regularly lead to new findings. Support is also provided to junior scientists, with over 30 PhD students currently being trained at the yDiv Postgraduate Research Unit. iDiv attaches particular importance to publicizing its research findings among politicians, industry and the public at large.

— www.idiv.de

The UFZ Helmholtz Centre for Environmental Research was opened in 1991. It currently employs over 1,100 people from more than 40 countries at its sites in Leipzig, Halle and Magdeburg. At any one time, about 250 postgraduates are working on their doctoral theses in international cooperation at UFZ, and can also benefit from interdisciplinary training from HIGRADE (the Helmholtz Interdisciplinary Graduate School for Environmental Research). In 2015, there were in addition 53 trainees at UFZ on various career development programmes and cooperative education courses.



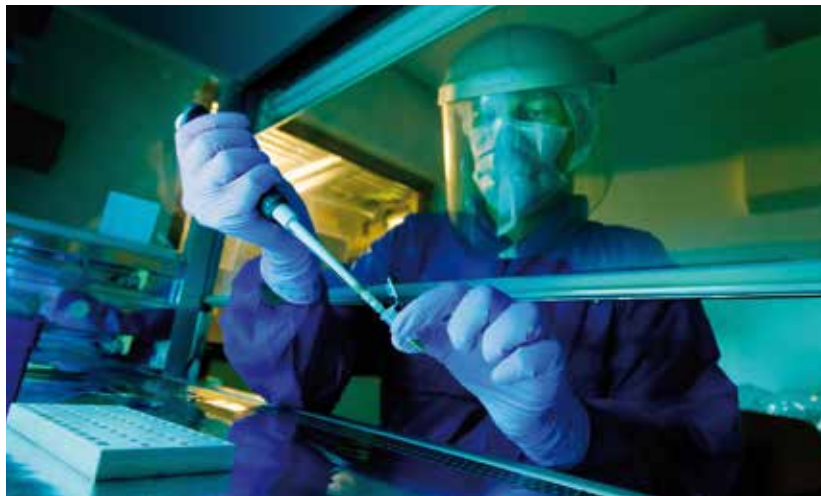
In the presence of German chancellor Angela Merkel and Chinese premier Li Keqiang, Professor Olaf Kolditz from UFZ (second from right) signed a German–Chinese cooperation agreement regarding the management of water resources in urban areas.



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 at a local, national and international level 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 the fundamental questions raised in the natural sciences. This integration forms the crux of work at the Institute. The researchers tackle a wide range of questions in pure and applied mathematics, such as the study of random dynamic systems, the mathematical analysis of materials, the investigation of complex biological systems and economic processes, aspects of geometry and theoretical physics, and information theory of cognitive systems.

— www.mis.mpg.de

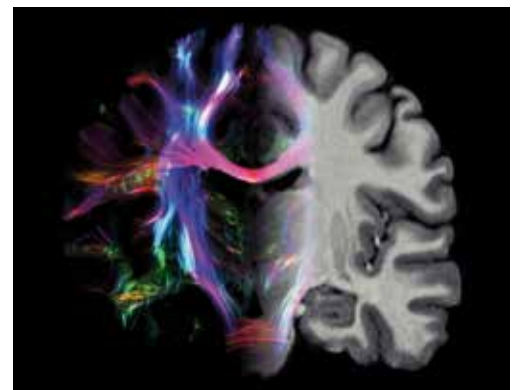


Genetic archaeology: Researchers decipher the genetic material of ancient forms of human life. The Max Planck Institute for Evolutionary Anthropology brings together scientists from various fields who take an interdisciplinary approach to studying the evolution of mankind.

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

The institute's goal is to explore human cognitive abilities and cerebral processes. Particular attention is paid to the neural bases of higher cerebral functions such as language, emotion and social behaviour, music and communication. Furthermore, it investigates the brain's ability to make plastic changes and explores how this plasticity affects various cognitive abilities as well as the neural and hormonal foundations of modern diseases such as high blood pressure and obesity. Another mainstay of research at the institute is the development of imaging techniques for neuroscience.

— www.cbs.mpg.de



Max Planck Institute for Evolutionary Anthropology

Founded in 1997, the institute's aim is to investigate the history of humankind by comparatively analysing the genes, cultures, cognitive abilities, languages and social systems of human populations past and present as well as of closely related primates. Concentration of these fields at the same institute enables new insights into the history, diversity, abilities and adaptive traits of modern humans. At present, the institute has around 450 staff working in 5 departments, 2 Max Planck research groups, and the Max Planck Weizmann Centre for Integrative Archaeology and Anthropology.

— www.eva.mpg.de

Centre for Area Studies: Promoting intellectual globalization

Founded in 2009, the Centre for Area Studies is an interdisciplinary research institute at the Faculty of Social Sciences and Philosophy at Leipzig University. It combines the expertise of 21 different institutes and 5 faculties at Leipzig University to address the different positions assumed by various regions of the world in the age of globalization and how the relations between them are changing under the influence of global flows of goods, capital, people and ideas.

The centre trains postgraduates from all over the world and participates in global research networks. Exploring new spaces and regional development under the conditions of globalization, it is now involved in a Collaborative Research Centre funded by the DFG German Research Foundation. One of its main areas of focus is the increasing internationalization of Saxony's economy. In 2016, the Centre for Area Studies will publish a two-volume manual of transregional studies summarizing new cross-border trends between various regions of the world. In conjunction with the IfL Leibniz Institute for Regional Geography and other research centres in central Germany, the Centre for Area Studies is building a Leibniz Research Campus to study Eastern Europe's global links.

— www.uni-leipzig.de/cas

KUZ Leipzig Plastics Centre: Practical research

'With industry, for industry' is KUZ's motto. KUZ is an expert technology partner conducting practical research and development work. Specializing in plastics processing, machine tools and plastic welding, its services also include testing materials and plastic products in its certified test laboratory as well as conducting specialized training courses. KUZ's experienced, highly qualified staff and modern facilities provide the basis for cutting-edge developments in the micro and macro environment. Its portfolio ranges from the tiniest high-precision micro-technical mouldings weighing just 1 milligram to large moulded elements such as railway sleepers made from recycled plastic – a pioneering development in which KUZ played a key role.

— www.kuz-leipzig.de



Fraunhofer Centre for International Management and Knowledge Economy

In 2016, this Fraunhofer Centre is celebrating ten years of applied, socio-technological and socio-economic research in Leipzig. Economists from Fraunhofer develop science-based solutions to the challenges of globalization to enable the long-term success of clients and partners from business, industry, research and society. The institute's international projects, networking, innovation projects and analyses focus on human beings, their environment, and the reality of life. Originally founded in 2006 as the MOEZ Fraunhofer Central and Eastern Europe Centre, since 18 July 2016 this Fraunhofer institute has combined its expertise and services under its new name IMW Fraunhofer Centre for International Management and Knowledge Economy.

— www.moez.fraunhofer.de
— www.imw.fraunhofer.de

The international, interdisciplinary team of experts at the Leipzig Fraunhofer Centre pool their economic, social, political and cultural expertise in order to answer questions concerning knowledge and technology transfer, enterprise development in international competition, sustainability management and infrastructure economics.

IZI Fraunhofer Institute for Cell Therapy and Immunology

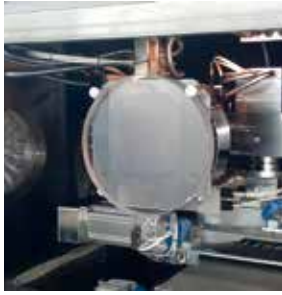
The IZI Fraunhofer Institute for Cell Therapy and Immunology researches and develops specific solutions at the interfaces of medicine, the life sciences and engineering. One of its main responsibilities is contract research for biotechnological, pharmaceutical and biomedical engineering companies, hospitals, diagnostics laboratories and research centres. IZI develops, optimizes and validates innovative techniques, materials and products in the fields of materials, cell therapy, diagnostics and biobanks. 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 techniques.

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

— www.izi.fraunhofer.de



The IZI Fraunhofer Institute for Cell Therapy and Immunology has an excellent research infrastructure for the preclinical and clinical development of new therapies and diagnostics. Modern laboratories equipped for research into cellular and molecular biology are complemented by extensive imaging technologies, an S3 laboratory, and three cleanrooms. IZI employs almost 300 people in Leipzig and another 200 at its branches in Potsdam, Halle and Rostock.



Research into ion beam assisted milling focuses on ultraprecise surfaces with nanometre and even sub-nanometre tolerances in terms of shape and roughness. In addition to exploring the principles of ion milling processes, technology steps with minimal manufacturing tolerances are developed and transferred to the manufacturing sector.

New facilities for DBFZ

In spring 2016, work began on a new complex for the DBFZ German Biomass Research Centre funded by the Federal Ministry of Food and Agriculture comprising a pilot plant as well as an office and seminar building. The official groundbreaking ceremony took place on 31 August 2016. The new development is scheduled to be completed in 2018 and will have a gross floor area of about 11,000 square metres.



IOM Leibniz Institute for Surface Modification

IOM conducts pure research into the interaction between radiation and matter, and employs ions, electrons, photons and plasma to modify various material surfaces and thin films. Research focuses on ultra-precision surface smoothing and shaping, structuring on a micrometre and nanometre scale, the synthesis of thin films, nanostructures and particles, functional coatings, membranes and biofunctional polymers. Both industrial and pure research are facilitated by state-of-the-art equipment. At the Leipzig nanoAnalytikum (LenA),

researchers can avail themselves of modern electron microscopes for structural determination and chemical analysis down to the atomic level. In addition, a new 10 MeV electron accelerator is to be installed by the end of 2013 and employed for aspects of pure and practical research such as polymer modification and the generation of cryo-structured polymers.

— www.iom-leipzig.de

Leibniz Institute for Tropospheric Research

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

— www.tropos.de

DBFZ German Biomass Research Centre

A central, independent opinion leader in the use of biomass as an energy source use, DBFZ explores how our finite biomass resources can contribute as sustainably and efficiently as possible to the current and future energy supply. Working with partners from research, industry and the public, DBFZ identifies and develops the most promising uses of bioenergy, and supports, demonstrates and evaluates outstanding examples.

— www.dbfz.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 the context of 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? The institute 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

ZKS Clinical Trial Centre Leipzig

ZKS Leipzig provides doctors, study groups and industrial partners with advice and support concerning the planning, implementation and evaluation of clinical studies meeting international standards of quality. It also offers assistance and even complete solutions for the organization of studies, including project planning and management, data management, database creation, clinical monitoring and biometrics. Furthermore, the ZKS Academy hosts various further training courses for doctors and nursing personnel, such as an MSc in clinical research and translational medicine.

— www.zks.uni-leipzig.de

IFB Integrated Research and Treatment Centre for Adiposity Diseases

More than 14 departments and institutes from the Faculty of Medicine and Leipzig University Hospital are involved in IFB's research into obesity. It explores and treats pathological obesity (adiposity) and its comorbidities on a scale unparalleled in Germany. Over 60 scientists currently work in more than 30 interdisciplinary research projects. IFB focuses its activities on the areas of obesity genes, hormones and neuroimaging, obesity in children, and psychosocial aspects of morbid obesity. The centre also supports young scientists through training programmes and three junior research groups. Moreover, its outpatient clinics are a valuable form of help for the public. Overall, IFB has created over 80 jobs and 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 addition, the Bariatric Surgery Unit at Leipzig University Hospital was certified in January 2014 as a centre of excellence in its field. This branch of research benefits from the adipose tissue bank at the Faculty of Medicine, which contains over 1,000 human samples and is unique in Germany. Since 2012 it has also provided the basis for a German Obesity Biomaterial Bank.

— 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 in oncology, cardiology, neurology and immunology. With high priority given to technology transfer, so far six spin-offs have been launched since BBZ was established.

— www.bbz.uni-leipzig.de

Leipzig Research Centre for Civilization Diseases and Biobank

LIFE, a major Leipzig University research project based at the Faculty of Medicine, is investigating common diseases of affluence. Advanced technologies of imaging, genomics and laboratory analysis are used for sample analysis. A special freezing system has been developed in conjunction with research and industry partners to enable the long-term use of samples. About a million blood and cell samples are stored over liquid nitrogen in

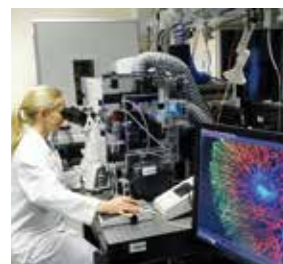
this biobank. This multicentre, representative population-based long-term study involving about 200,000 people from all over Germany is expected to produce reliable findings about the causes of lifestyle diseases within interaction between genetic predisposition, lifestyle and environmental factors.

— www.life.uni-leipzig.de



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

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



Super resolution microscopy: Neurons from the spinal cord.

1. Population

Population 2012–14				
	2012	2013	2014	2015
City of Leipzig	520,838	531,762	544,479	560,472
District of Greater Leipzig	259,207	257,796	257,647	258,408
District of North Saxony	198,629	197,346	197,042	197,605
Saxony	4,050,204	4,046,485	4,055,274	4,084,851

Source: Saxon Department of Statistics. Figures apply to the end of each year. Data from 2011 onwards based on 2011 census.

Migration				
	2011	2012	2013	2014
Total influx	30,961	32,325	33,510	36,438
Total outflux	21,987	21,534	22,848	24,106
Migration balance	9,064	10,791	10,662	12,332

Source: Saxon Department of Statistics.

2. Labour market

Employees subject to social security by place of employment				
	2012 ¹	2013 ¹	2014 ¹	2015 ¹
Employees in the City of Leipzig	230,014	237,591	246,647	253,455
Employees in the District of Greater Leipzig	72,203	72,833	73,690	74,418
Employees in the District of North Saxony	68,576	68,583	69,298	70,534
Total no. of employees subject to social security	370 793	379 007	389 635	398 407
Of whom in following segments (WZ 2008):				
Agriculture, forestry and fishing	4,303	4,166	4,129	4,062
Mining, energy and water supply, energy sector	8,631	8,693	8,685	8,885
Manufacturing industry	46,967	48,425	50,675	51,364
Construction	24,134	24,357	24,332	24,861
Sale, servicing and repair of motor vehicles	51,276	51,108	51,068	51,772
Transport and storage	25,860	25,878	27,834	30,068
Hospitality sector	11,047	11,426	12,005	13,254
Information and communication	14,588	14,827	15,094	15,363
Finance and insurance	9,613	9,543	9,196	9,096
Real estate, freelance scientific and technical services	26,103	27,285	29,129	29,958
Other economic services	37,633	40,339	44,134	43,587
Public administration and defence, social security/extraterritorial organizations and institutions	20,670	21,035	20,820	20,841
Childcare and teaching	20,086	21,387	21,684	21,603
Healthcare and social services	55,464	56,157	56,215	58,186
Other service activities, private households	14,418	14,381	14,634	15,505

Sources: German Employment Agency, Saxon Department of Statistics. Figures apply to December of each year.

¹ Due to a retroactive revision of employment statistics in August 2014, this data differs from previously published data based on different cut-off dates.

Unemployment								
	Unemployment (German Social Code II+III)				Unemployment rate (%)			
	2014	2015	2016	Change on previous year (%)	2014	2015	2016	Change on previous year (%)
City of Leipzig	27,600	27,445	25,456	−7.2	9.8	9.5	8.7	−0.8
District of Greater Leipzig	9,975	9,433	8,553	−9.3	7.3	6.9	6.3	−0.6
District of North Saxony	10,007	9,603	8,650	−9.9	9.2	8.9	8.1	−0.8

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

3. Education and training

Higher education								
Name	Founded	Bachelor's programmes	Master's programmes	Diploma programmes	Doctorates	Staff	Of whom academic personnel	Students
Universität Leipzig ¹	1409	49	74	3	Yes	4,971	3,086	29,227
HTWK Leipzig University of Applied Sciences	1992	22	22	1	Yes ⁴	601	322	6,189
Felix Mendelssohn Bartholdy University of Music and Theatre	1843	17	39	32	Yes	127	127 ³	1,095
HfTL Deutsche Telekom University of Applied Sciences for Telecommunications	1953	10	4	0	Yes ⁴	74	48	1,200
Leipzig Academy of Visual Arts	1764	0	1	4	Yes	99	60 ³	600
Saxon University of Cooperative Education	1993	6	0	0	No	30	18	550
HHL Leipzig Graduate School of Management	1898	0	6	0	Yes	121	65	660
FOM College of Business and Management (private part-time college) ⁵	1993	5	6	0	Yes ⁴	50	40	320
Leipzig School of Media	2008	0	4	0	No	9	6	104
Leipzig College of Design	2013	3	0	0	No	24	15	127

¹ Also 9 programmes leading to the State Examination and 14 further training programmes. ² 6 state exam programmes and 5 master class programmes. ³ In addition about 340 non-permanent lecturers. ⁴ In conjunction with university partners. ⁵ 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 winter semester 2016

Apprentices in industry and commerce Apprenticeships at 31 December 2015		
Occupational group	Total	Female
Industrial and technical	2,721	309
Including:		
Metalworking	1,369	121
Electrical engineering	590	33
Construction, mining, quarrying	266	8
Chemistry, physics, biology	126	40
Wood	48	1
Paper, printing	195	74
Leather, textiles, clothing	5	4
Food and tobacco	38	17
Glass, ceramics, jewellery	33	3
Special industrial occupations	51	8
Commercial and business	4,488	2,361
Including:		
Industry	192	107
Commerce	1,172	698
Banking	177	97
Insurance	122	65
Hospitality	695	364
Transport	454	202
Others	1,499	753
Special commercial occupations	177	75
Total apprenticeships	7,209	2,670

Source: Leipzig Chamber of Commerce and Industry, 31 December 2015.

Apprentices in small industries and skilled trades Apprenticeships at 31 December 2015		
Occupational group	Total	Female
Construction/finishing	319	39
Electrical, metalwork	1,305	38
Woodwork	110	13
Clothing, textiles, leather	34	19
Food	106	45
Healthcare and personal hygiene, cleaning (incl. dry cleaning)	469	302
Glass, paper, ceramics, etc.	72	39
Commercial professions	247	190
Other professions requiring training	163	25
Training for the disabled	127	21
Total	2,952	731

New apprenticeships for 2014/15 by district

City of Leipzig	635
District of Greater Leipzig	355
District of North Saxony	255
Total	1,262

Source: Leipzig Chamber of Small Industries and Skilled Trades, 31 December 2015.

4. Private sector

Size of companies by workforce

	2012		2013		2014		2015	
	No.	%	No.	%	No.	%	No.	%
Total businesses ¹	24,380	100.0	24,871	100.0	25,348	100.0	25,184	100.0
Of which:								
Up to 9 employees	21,484	88.1	21,865	87.9	22,280	87.9	22,039	87.5
10–49 employees	2,200	9.0	2,305	9.3	2,360	9.3	2,432	9.7
50–249 employees	604	2.5	605	2.4	611	2.4	603	2.4
250+ employees	92	0.4	96	0.4	97	0.4	110	0.4

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

No.¹ of enterprises and facilities in area covered by Leipzig Chamber of Commerce and Industry

	2011	2012	2013	2014	2015
CCI companies in the City of Leipzig	41,518	42,567	42,730	42,692	43,688
CCI companies in the District of Greater Leipzig	15,910	15,853	15,772	15,638	15,450
CCI companies in the District of North Saxony	12,217	12,144	11,966	11,773	11,715
Total	69,645	70,564	70,468	70,103	70,853
Of which in the following segments:					
Agriculture, forestry and fishing	498	494	498	494	491
Mining and quarrying of minerals	51	53	54	53	55
Manufacturing industry	2,142	2,200	2,188	2,264	2,282
Energy supply	1,730	1,873	1,988	2,029	2,054
Water supply, sewage and waste disposal, environmental clean-up	298	314	334	329	327
Construction	3,791	4,020	3,921	3,795	3,740
Sale, servicing and repair of motor vehicles	16,145	15,916	15,600	15,128	15,075
Transport and storage	2,560	2,531	2,447	2,391	2,362
Hospitality	4,127	4,262	4,138	3,493 ²	3,589
Information and communication	3,176	3,365	3,478	3,517	3,628
Finance and insurance	4,402	4,325	4,165	4,059	4,016
Real estate and housing	3,022	3,026	3,077	3,196	3,311
Freelance, scientific, technical and other economic services	11,633	11,842	12,080	12,174	12,462
Other scientific services	9,776	9,954	9,862	9,884	9,860
Childcare and teaching	768	787	825	918	984
Healthcare and social services	967	984	1,018	1,045	1,114
Arts, entertainment and recreation	1,571	1,627	1,691	1,769	1,910
Other service activities	2,982	2,984	3,102	3,563 ²	3,593
Private households as employers, undifferentiated goods and services produced by households for own use	6	6	–	1	0

¹ No. of companies at the end of the year. Data recalculated to reflect boundary changes. ² Over 500 traders reclassified from 56.30.9 'Other beverage-serving activities' to 96.09.3 'Hospitality'. Source: Leipzig Chamber of Commerce and Industry, 2016 – statistics correct as of December 2015.

No. of businesses in Leipzig Chamber of Small Industries and Skilled Trades

	2011	2012	2013	2014	2015
No. of firms in the City of Leipzig	5,170	5,283	5,256	5,192	5,165
No. of firms in the District of Greater Leipzig	3,963	3,961	3,936	3,958	3,919
No. of firms in the District of North Saxony	3,056	3,052	3,025	2,995	2,960
Total no. of firms	12,189	12,296	12,217	12,145	12,044
Segments:					
Construction and finishing	3,783	3,814	3,704	3,633	3,562
Electrical/metalworking	3,759	3,725	3,659	3,627	3,568
Wood and wood products	1,139	1,158	1,128	1,126	1,118
Clothing/textiles	580	601	635	663	648
Food	365	359	347	332	326
Health/cleaning	2,072	2,118	2,180	2,190	2,220
Glass/paper/ceramics	491	521	564	570	602

Source: Leipzig Chamber of Small Industries and Skilled Trades.

Business registrations

	2012	2013	2014	2015
Total registrations	6,439	5,646	5,695	5,881
Of which:				
Start-ups	5,838	5,112	5,072	5,239
Moving to Leipzig	477	435	494	505
Takeovers	124	99	129	137
Total closures	5,166	5,052	4,974	5,033
Of which:				
Cessations	4,473	4,381	4,269	4,321
Moving away from Leipzig	469	464	484	506
Handovers	224	207	221	206

Source: Saxon Department of Statistics.

Clusters at a glance

	2013		2014		2015	
	Businesses	Employees	Businesses	Employees	Businesses	Employees
Automotive & Suppliers	756	12,145	765	12,982	760	14,447
Energy & Environment	1,293	11,629	1,351	11,936	1,328	11,952
Energy	289	4,353	332	4,182	317	4,021
Environmental engineering	1,004	7,276	1,020	7,754	1,011	7,932
Healthcare & Biotech	2,368	35,873	2,428	36,875	2,432	38,629
Logistics	1,659	28,593	1,724	30,912	1,673	33,213
Freight logistics	1,376	24,400	1,458	26,530	1,412	28,896
Passenger logistics	283	4,193	266	4,382	261	4,317
Media & Creativity	4,160	27,798	4,360	28,900	4,299	28,504
Information and communications technology	929	9,909	999	10,760	989	10,998
Printing and publishing	531	2,704	529	2,592	522	2,416
Broadcasting and film	243	3,708	231	3,377	238	3,533
Arts and music	724	3,184	787	3,303	777	3,184
Advertising and PR	621	1,537	642	1,679	600	1,642
Architecture and design	427	517	469	550	455	517
Trade shows and services	686	6,239	705	6,640	719	7,213

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

Source: Leipzig Office for Statistics and Elections. Calculations by the Office for Economic Development

Manufacturing industry

	Unit	2012	2013	2014	2015
Businesses ¹	Qty.	70	68	67	66
Employees ²	Qty.	14,397	15,068	17,148	18,415
Total turnover	€'000	6,207,061	6,365,712	7,539,211	9,516,187
Export share ³	%	57.7	61.1	60.9	58.6

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

Manufacturing industry by workforce

	2012	2013	2014	2015
Total businesses ¹	160	164	165	165
Of which:				
Under 50 employees	89	96	98	96
50–99 employees	38	33	27	31
100–249 employees	21	21	24	24
250–499 employees	7	10	12	10
500+ employees	5	4	4	4

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

Production of motor vehicles and components

	2012	2013	2014	2015
Businesses ¹	10	11	11	10
Employees	4,987	X	X	X
Turnover (€'000)	4,781,126	X	X	X

¹ Firms with 20+ employees. Source: Saxon Department of Statistics. X denotes unknown or unpublished figures.

BIO CITY LEIPZIG

	BIO CITY LEIPZIG	BioCube	Total
Biotech companies	26	4	30
Service providers	9		9
Leipzig University chairs	6		6
Employees:			
In private companies	384	150	534
In the university sector	74		74

Source: BIO CITY LEIPZIG. Figures pertain to Q1 2016.

Leipzig – centre of medicine

Total hospitals	2014	2015
No. of hospitals	7	6
Beds	4,004	3,985
Per 1,000 inhabitants	X	7.2
Discharged patients	144,584	156,481
Per 1,000 inhabitants	X	283
Occupation (%)	77.5	81.7
Average length of stay in days per patient	7.9	7.6
Doctors	1,982	1,957
Non-medical staff	7,780	7,887
Of whom: Home carers	3,391	3,519

Sources: Saxon Department of Statistics, Leipzig Office for Statistics and Elections.

Energy & Environment

Selected companies	Employees 2015	Turnover 2015
Tilia GmbH	51	€4.5m
European Energy Exchange – EEX	441 in total, including 195 in Leipzig	€190.4m
Helmholtz Centre for Environmental Research – UFZ	1,800	€100.3m ¹
KWL – Kommunale Wasserwerke Leipzig	556	€140.0m
Sachsen Wasser GmbH	11	€2.2m
Stadtwerke Leipzig	682	€1,974.1m
VNG Group	1,400	€9,400.0m

¹ Grants and external funding.

Sources: Information supplied by the companies and institutions.

Planning permission and building completions

	2012	2013	2014	2015
Total buildings (planning permission)	920	901	1,080	902
Total buildings (completions)	696	1,068	889	883

Source: Saxon Department of Statistics.

Construction industry

	Unit	2012	2013	2014	2015
Businesses at the end of June	Qty.	456	462	466	442
Employees at the end of June	People	4,906	4,721	4,647	4,654
Gross total wages in June	€'000	11,109	10,403	10,596	11,347
Hours worked in June	'000 hours	523	486	491	521
Total turnover in June	€'000	48,590	47,968	46,248	44,757
Per employee	€	9,904	10,161	9,952	9,617
Total annual turnover	€'000	605,735	596,437	550,143	542,366
Per employee	€	123,468	126,337	118,387	116,538

Source: Saxon Department of Statistics.

Finishing trade

	Unit	2012	2013	2014	2015
Businesses at the end of Q2	Qty.	144	147	143	154
Employees at the end of Q2	People	3,581	3,571	3,497	3,782
Gross total wages in Q2	€'000	22,682	23,671	24,251	26,055
Hours worked in Q2	'000 hours	1,167	1,176	1,122	1,206
Turnover in Q2	€'000	90,810	87,488	97,520	99,530
Annual turnover	€'000	376,874	368,176	393,702	425,607

Source: Saxon Department of Statistics. Figures pertain to 30 June of each year.

Farms by number of employees

	2011		2012		2013		2014	
	No. of farms	Area (ha)	No. of farms	No. of farms	Area (ha)	No. of farms	Area (ha)	No. of farms
Enterprises with agricultural land								
Total	51	9,772	41	9,483	52	9,586	52	9.6
Under 10 ha	18	64	16	70	X	X	X	X
10 to < 100 ha	22	785	15	620	X	X	X	X
100 to < 200 ha	3	383	2	X	X	X	X	X
200 to < 1,000 ha	5	2,332	5	X	X	X	X	X
Over 1,000 ha	3	6,209	3	6,092	X	X	X	X

Source: Saxon Department of Statistics. X denotes unknown or unpublished figures.

Trade shows and conventions

	2012	2013	2014	2015
Trade shows and exhibitions	33	37	36	36
Conventions	111	94	88	142
Events	34	32	33	42
Exhibitors	9,602	11,570	9,827	11,293
Total visitors (all events)	1,179,666	1,187,131	1,242,306	1,123,335
Gross exhibition space in sq m	111,300	111,300	111,300	111,900
Outdoor exhibition space in sq m	70,000	70,000	70,000	70,000
Turnover in €m	72.3	88.1	77.0	79.9

Source: Leipziger Messe GmbH.

Hospitality sector

	Businesses in 2015	Employees in 2015	Turnover in 2014
Hospitality (total businesses)	2,033	9,127	€405.6m
Of which:			
Accommodation	202	X	X
Cafés, bars and restaurants	1,735	X	X

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

Tourism – bed capacity and occupancy

	2012	2013	2014	2015
Total hotels and accommodation businesses				
Total businesses	109	117	114	120
Open businesses	107	116	114	118
Total beds	13,468	14,659	14,591	15,230
Bed available	13,375	14,525	14,511	14,992
Average occupancy of bed available (%)	49.0%	50.7%	50.8%	51.1%

Source: Saxon Department of Statistics. Figures pertain to 31 July of each year.

Arrivals and overnight stays

	2012	2013	2014	2015
Arrivals	1,347,820	1,453,422	1,510,374	1,525,955
Overnight stays	2,482,541	2,697,871	2,764,851	2,829,824
Average stay in days	1.8	1.9	1.8	1.8

Source: Saxon Department of Statistics.

Trade and commerce

	Businesses in 2015	Employees in 2015	Turnover in 2014
Trade and commerce (total)	8,150	28,734	€3,057.9m
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 2015	Employees in 2015	Total turnover in 2014
Financial and insurance services (total) ¹	2,241	7,428	€127,787,000
Of which: Financial services ²	324	X	X
Insurance, reinsurance and pension funds ³	43	X	X
Brokerage of financial services/investment consultants	206	X	X
Insurance brokers/agents	1,371	X	X

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

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

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

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

5. Finance

Gross domestic product and gross value added in €m

City of Leipzig

	2011	2012	2013
GDP	15,808	16,621	17,472
Per head	30,048	31,012	31,980
Per person in work	52,225	53,594	55,099
GVA at manufacturing prices	14,197	14,931	15,706
Of which:			
Agriculture, forestry and fishing	9	11	10
Manufacturing industry	2,672	2,833	3,031
Of which:			
Processing industry	1,530	1,565	1,662
Construction	689	773	780
Service sector	11,516	12,087	12,665
Of which:			
Commerce, transportation and warehousing, hospitality, information and communication	3,633	3,737	3,992
Finance, insurance and business services, real estate activities	3,881	4,170	4,333
Public and other service providers, education and health, private households with employed persons	4,002	4,179	4,340

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 (2014), gross domestic product, gross value added in all the districts and independent cities in the Federal Republic of Germany, 2000–2013, Series 2, Volume 1, Frankfurt am Main.

VAT registered entrepreneurs and their trade receivables

	2010	2011	2012	2013	2014
Enterprises liable to VAT	17,883	18,359	18,902	19,025	19,350
Taxable transactions, total (€'000)	17,651,741	18,210,756	19,981,062	21,434,473	21,234,233
Of which:					
On trade receivables (€'000)	17,115,914	17,785,155	19,576,446	21,008,065	20,776,314
VAT before deduction of input tax (€'000)	6,777,753	7,952,034	8,549,748	9,934,333	9,742,710
Deductible input tax (€'000)	6,061,319	7,301,036	7,832,181	9,113,582	8,843,721
Advance VAT payments (€'000)	716,473	651,016	717,223	820,808	898,879

Source: Saxon Department of Statistics.

Income

	2012	2013	2014	2015
Average monthly net income (€)	1,014	1,067	1,120	X
Purchasing power (€m)	8,835	9,265	9,9391	10,190 ¹

Sources: Leipzig Office for Statistics and Elections, Leipzig Chamber of Commerce and Industry, GfK Nuremberg. 1 MB Research GmbH. X denotes unknown or unpublished figures.

Tax revenue of the City of Leipzig (€m)

Tax type	2012'	2013' (provisional)	2014' (provisional)	2015' (provisional)
Property tax A	0.24	0.24	0.24	0.24
Property tax B	88.20	90.41	91.42	91.86
Gross trade tax	191.10	222.80	264.75	222.72
Local authority share of income tax revenue	97.75	110.31	120.96	140.03
Local authority share of VAT	90.93	31.29	32.28	36.18
Entertainment tax	1.60	1.00	2.82	3.65
Dog tax	1.60	1.50	1.30	1.38
Second-home tax	0.40	0.40	0.56	0.59
Tax revenue (gross)	411.83	457.94	514.34	496.55
Trade tax levy	-15.00	-16.61	-20.66	-18.46
Total tax revenue (net)	396.83	441.33	493.68	478.19

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

Level of debt, borrowing and debt servicing

	Unit	2013	2014	2015'
Level of debt at the end of the year	€'000	695,154	669,466	686,274
Debt per capita	€	1,307	1,235	1,224
Borrowing	€'000	19,000	27,800	70,300
Debt servicing				
Repayment	€'000	53,694	53,488	53,492
Interest	€'000	14,957	13,384	11,257

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

Tax assessment rates in Leipzig

	2012	2013	2014	2015
Property tax A	350%	350%	350%	350%
Property tax A	650%	650%	650%	650%
Trade tax	460%	460%	460%	460%

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

6. Public procurement by the City of Leipzig in 2015**Works and service contracts awarded by contractor's location**

	Amount		No. of contracts	
	€	%		%
Leipzig region	103,137,400	68.2	83	41.3
Rest of Germany	48,051,100	31.8	118	58.7
Total	151,188,500	100.0	201	100.0

Source: City of Leipzig.

Building contracts awarded by contractor's location

	Amount		No. of contracts	
	€	%		%
Saxony	59,824,000	79	599	81
Leipzig region	50,294,000	66	503	68
City of Leipzig	19,815,000	26	227	31
Rest of Germany	16,276,000	21	138	19
Total	76,100,000	100	737	100

Source: City of Leipzig.

7. Major investments in Leipzig

Expansion of Porsche's Leipzig plant

Location: Porsche's Leipzig plant
Project details: To enable the Panamera to be produced in Leipzig in its entirety, a production area 70,000 sqm in size is being built on-site, including a second body construction plant
Total investment: Approx. €500m
Implementation: Work started in February 2014, completion scheduled for late 2016

New campus for Leipzig University in city centre

Location: Augustusplatz/Grimmaische Strasse/Universitätsstrasse
Project details: Construction of city-centre university complex in five phases
Investment: Approx. €52.2m (total)
Total investment: Approx. €250m (total)
Implementation: July 2006 until late 2016

Redevelopment of Jahnallee Campus

Location: West of central Leipzig, Jahnallee Campus
Project details: Construction of the BZW Education Centre for the Faculty of Education
Total investment: €48.6m
Implementation: Completion in 2015 (building on junction between Jahnallee and Marschnerstrasse); 2017 (BZW and lecture hall); 2019 (tower in House 1)

New clinic at Leipzig University Hospital

Location: Liebigstrasse 18
Project details: Modern newbuild with about 13,000 sqm of floor space and 134 beds; the clinics for oncology, gynaecology and paediatrics are to be housed in the same building; total floor space to be increased to about 127,000 sqm
Total investment: Approx. €85m (total)
Implementation: Construction starts in 2016; first phase to be completed in 2018

New medical centre with multi-storey car park and shopping

Location: Käthe-Kollwitz-Strasse, junction with Thomasiusstrasse
Project details: Construction of a medical centre with adjacent multi-storey car park with space for 349 vehicles (260 for the public)
Total investment: Approx. €16.9m
Implementation: Completion scheduled for 2017

Projects by Leipzig Waterworks

Location: Major projects e.g. water network: Karl-Liebknecht Strasse, Lützner Strasse, Wurzener Strasse; waterworks at Canitz and Thallwitz
Project details: Modernization of mains networks as well as sewage and waterworks; 350 individual schemes; including sewerage network (€16.4m), drinking water network (€6.7m), domestic connections (€2.5m), modernization of sewage works (€2.4m) and water networks (€2.4m)
Total investment: €32.6m
Implementation: June 2014 (Lützner Strasse), September 2014 (Wurzner Strasse), late 2015 (Karl-Liebknecht-Strasse), 2019 (Canitz and Thallwitz waterworks)

Construction of fire brigade HQ

Location: Gerhard-Ellrodt-Strasse, Grosszschocher (south-west Leipzig)
Project details: Phase 1: Construction of a new fire station with regional coordination centre and first part of fire station; three other phases for erection of administrative and workshop building, including training yard with pump control panel, height rescue training, practice area for accidents involving trams or trains, two-court gymnasium, total area: 48,500 sqm
Total investment: Approx. €22m
Implementation: Work began in March 2013, first buildings completed in January 2015; project completion scheduled for 2017

Extension of ICE repair depot

Location: InterCityExpress repair depot, Rackwitzer Strasse
Project details: Extension for third platform, bogie drop pit, repair of third turnout track, conversion (about €2m)
Total investment: Approx. €11m
Implementation: 2011 until 2016/17

Conversion of the Soviet Pavilion into Leipzig City Archives

Location: Alte Messe
Project details: Conversion of the Soviet Pavilion at Alte Messe into the new archives of the City of Leipzig
Total investment: Approx. €14m
Implementation: June 2016 until 2018

Redevelopment of Peterssteinweg/Karl-Liebknecht-Strasse

Location: Between Martin-Luther-Ring and Körnerstrasse
Project details: Works include roads, pavements and cycle tracks as well as tram tracks and water mains; accessible new tram stops (Münzplatz and Hohe Strasse); the project is being jointly executed by the City of Leipzig and the LVB public transport company; the municipal share amounts to about €7m
Total investment: Approx. €16.5m
Implementation: Construction began in January 2014; completion scheduled for late 2015

Extension of the Karl Heine Canal

Location: Plagwitz
Project details: Construction of the 655m extension and connection of Karl Heine Canal to Lindenau Harbour, January 2015: flooding of canal link between Karl Heine Canal and Lindenau Harbour starts; utility pipes, hydraulic engineering and bridge construction as well as landscaping and planting; provision of local public infrastructure in Lindenau, aim: erection of villas and townhouses; funding under programme Urban Restructuring East: €6.6m; housing, retail outlets, restaurants and leisure amenities to be built on a total area of 20,000 sqm by 2015
Total investment: €18.1m, including €3.86m for the extension of Karl Heine Canal
Implementation: Connection to canal and landscaping completed in 2015; construction sites under development

Redevelopment of depot in Heiterblick including construction of new repair shop (LVB)

Location: Teslastrasse in Heiterblick, Leipzig
Project details: Redevelopment of depot including construction of new repair shop on an area of 165,000 sqm
Total investment: About €100m
Implementation: Building work started in November 2011, completion scheduled for 2017

Modernization of Dölitz tram depot (LVB)

Location: Bornaische Strasse
Project details: Construction of a multifunctional cleaning and maintenance shed for 70 trams and 15 buses
Total investment: About €32m
Implementation: Construction started in February 2014; completion scheduled after 2020

Construction of office block for SAB

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

VGP-Park Leipzig

Location: Between B2 federal road and Leipziger Messe exhibition centre
Project details: Construction of new logistics areas in business Park VGP-Park Leipzig; industrial unit with an area of 26,000 sqm to be built on a site 105,000 sqm in size; four more units planned
Total investment: Approx. €10m
Implementation: Completion: October 2016

Refurbishment and conversion of the old main post office

Location: Augustusplatz, Grimmaischer Steinweg

Project details: Various investments on an area of 13,400 sqm: Italian designer furniture shop, Edeka supermarket, hotel with 300 beds and underground car park, front facing Augustusplatz with café/restaurant, shops, offices and flats, sky bar, lounge and conference centre

Total investment: Approx. €120m

Implementation: First phase (hotel, underground car park and south wing) to be completed by mid-2018

Projects by the City of Leipzig

Investments according to the Schools Development Plan

Location: Throughout Leipzig

Project details: Primary schools: Schule Am Opferweg (being planned), Tauchaer Strasse (2018), replacement buildings at Schule am Adler (2020) and Wilhelm Busch School (2023) Comprehensive schools: New sports secondary school between Goyastrasse, Max-Planck-Strasse and the Auwald woodlands for 670 pupils with three-court gymnasium (underway), reactivation of School No. 55, school on Ihmelstrasse (being planned), school on Uhlandstrasse (2016), school on Diderotstrasse (2019), expansion of Oberschule am Adler (2021), new school on Hainbuchenstrasse (2023)

Grammar schools: Construction of grammar schools on Gorkistrasse and Telemannstrasse for 1,120 pupils and 90 teachers, including three-court gymnasium (started), school on Karl-Heine-Strasse (being planned), schools at Bayerischer Bahnhof (2018), on Ihmelstrasse (2021) and in west Leipzig (2025)

Gymnasiums (being planned): Extension to Christoph Arnold School, School No. 120, School No. 77, Erich Zeiger School, Schule am Weisseplatz, Georg Schumann School and St Thomas's School

Total investment: Approx. €220m by 2019

Implementation: Work to start in 2016/17

Projects by the City of Leipzig

Construction of new preschool centres

Location: Throughout Leipzig

Project details: 6,000 preschool places are to be created by 2018; projects listed individually at www.leipzig.de/jugendfamilie-und-soziales/kinderbetreuung/kindertagesstaetten/kitaneubauten

Total investment: Approx. €90m

Implementation: 2015–18

Investments at St George's Hospital

Location: Delitzscher Strasse

Project details: Modernization of helicopter landing pad, construction of a third delivery room

Total investment: Approx. €8.25m

Implementation: Completion scheduled for late 2016

Hotels and housing

Conversion of Kosmos House into a four star Meliá hotel

Location: Gottschedstrasse/Dittrichring

Project details: This former exhibition building on Dittrichring is to be converted into a four-star hotel with 153 rooms, four conference rooms, a wellness zone, a rooftop restaurant and sky bar

Total investment: Approx. €30m

Implementation: Construction began in October 2014; completion scheduled for 2016

Construction of Bernstein-Carré at Museum of Fine Art

Location: Katharinenstrasse, junction with Brühl

Project details: 3,000 sqm office space, 2,000 sqm retail space, two restaurants (600 and 700 sqm), 14 apartments in south wing

Total investment: Approx. €25m

Implementation: Construction began in February 2016; completion scheduled for 2017

Conversion of former Brühlplatz building into hotel and office block

Location: Brühl 34–50

Project details: Site area: 1,005 sqm, gross floor area: 13,000 sqm, 4-star ADINA Apartment Hotel with 166 rooms, retail outlets on ground floor, offices on 9th and 10th floors

Total investment: Unknown

Implementation: Construction on hotel began in 2016; completion scheduled for Q3 2017

Restoration of publishing building

Location: Gutenbergplatz

Project details: Refurbishment and restoration of listed publishing building; creation of 69 apartments and 7 commercial units

Total investment: Over €50 million

Implementation: Construction began in 2016

Refurbishment of former exhibition centre

Location: Between Tröndlinring and Humboldtstrasse

Project details: Refurbishment of Ringmessehaus, a traditional exhibition building (once the biggest textile exhibition building in the world); footprint: 6,800 sqm; floor space: 38,000 sqm; front section (Tröndlinring) to accommodate a hotel on an area of 8,000 sqm (tenant: Travel24) with up to 170 rooms; the central area is to contain 100 high-class apartments; rear section (Humboldtstr.) to be turned into a care home for the elderly as well as parking

Total investment: Approx. €30m

Implementation: Hotel to be completed in 2016/17

Gohlis-Carré

Location: Otto-Adam-Str. 4–12, Wilhelm-Plesse-Str. 34–46 und Virchowstrasse 41–51

Project details: Refurbishment of historical ensemble including new infill development for a total of 148 apartments

Total investment: Approx. €36m

Implementation: Construction began February 2016

Conversion of large bindery

Location: Oststrasse 24

Project details: Conversion of Heinrich Sperling Bindery; 85 apartments to be created on an area of 6,500 sqm with underground parking and courtyard

Total investment: Unknown

Implementation: Construction began in February 2016

Gohliser Höfe (new residential development)

Location: Lützowstrasse/Wilhelm-Sammet-Strasse

Project details: Building complex formerly owned by Bleichert Works; refurbishment and newbuild; additional commercial units and offices; construction of residential development with 145 apartments and 12 commercial units

Total investment: Approx. €28.8m

Implementation: Construction began in April 2014; completion scheduled for July 2017

Schumanns Gärten (new residential development)

Location: Dresdner Strasse, Salomonstrasse

Project details: Site of former printing works including Interdruck-Palais, construction of residential development with 159 apartments (40–120 sqm living space) on an area of 10,689 sqm; 9 commercial units on a total of 1,562 sqm; underground car park for 93 vehicles

Total investment: Approx. €36.2m

Implementation: Construction began in 2015; completion scheduled for August 2017

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