

SAXONY!

Germany with That Certain
Something

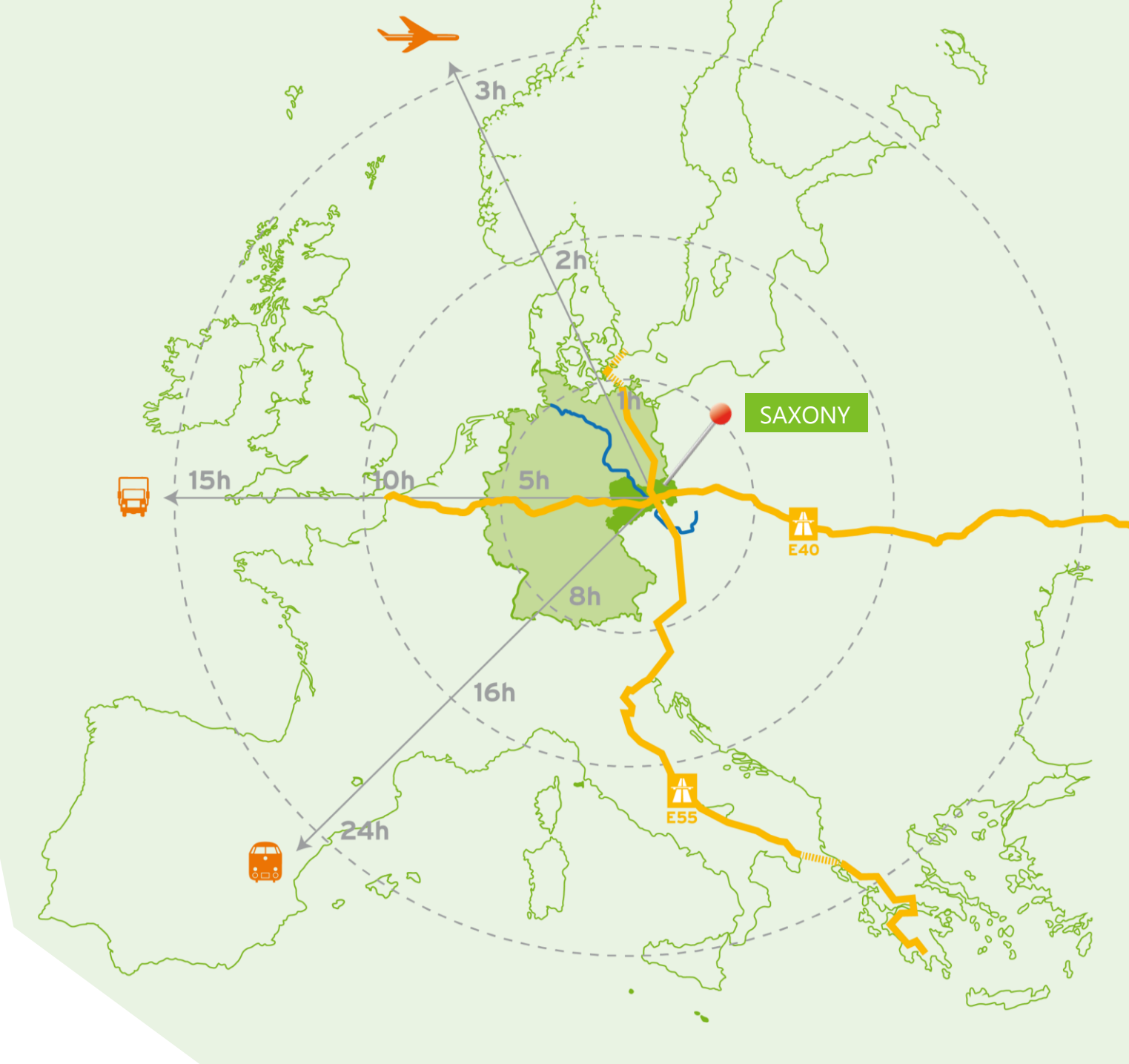
Robotics & Automation



LOCATED RIGHT IN THE HEART OF EUROPE

- Saxony – German federal state and business venue with a surface area of 18,420.25 square kilometers and 4,080,036 inhabitants
- Largest cities: Leipzig, Dresden (state capital), Chemnitz

Source: Statistical Office of the Free State of Saxony



GOOD REASONS FOR INVESTMENT PROJECTS IN SAXONY

- Dynamic economy: Second highest growth rate of all German federal states since 2000
- Strong industrial base (“Silicon Saxony” / “Autoland Saxony”)
- European “Strong Innovator” region
- Highly qualified employees: Education significantly above the German and EU average – best educational system in Germany and Germany’s incubator for engineers
- Fast international connections – DHL’s European air cargo hub with 24/7 service
- Internationally competitive labor costs
- Rent for apartments below the German average



BOSCH SEMICONDUCTOR MANUFACTURING DRESDEN

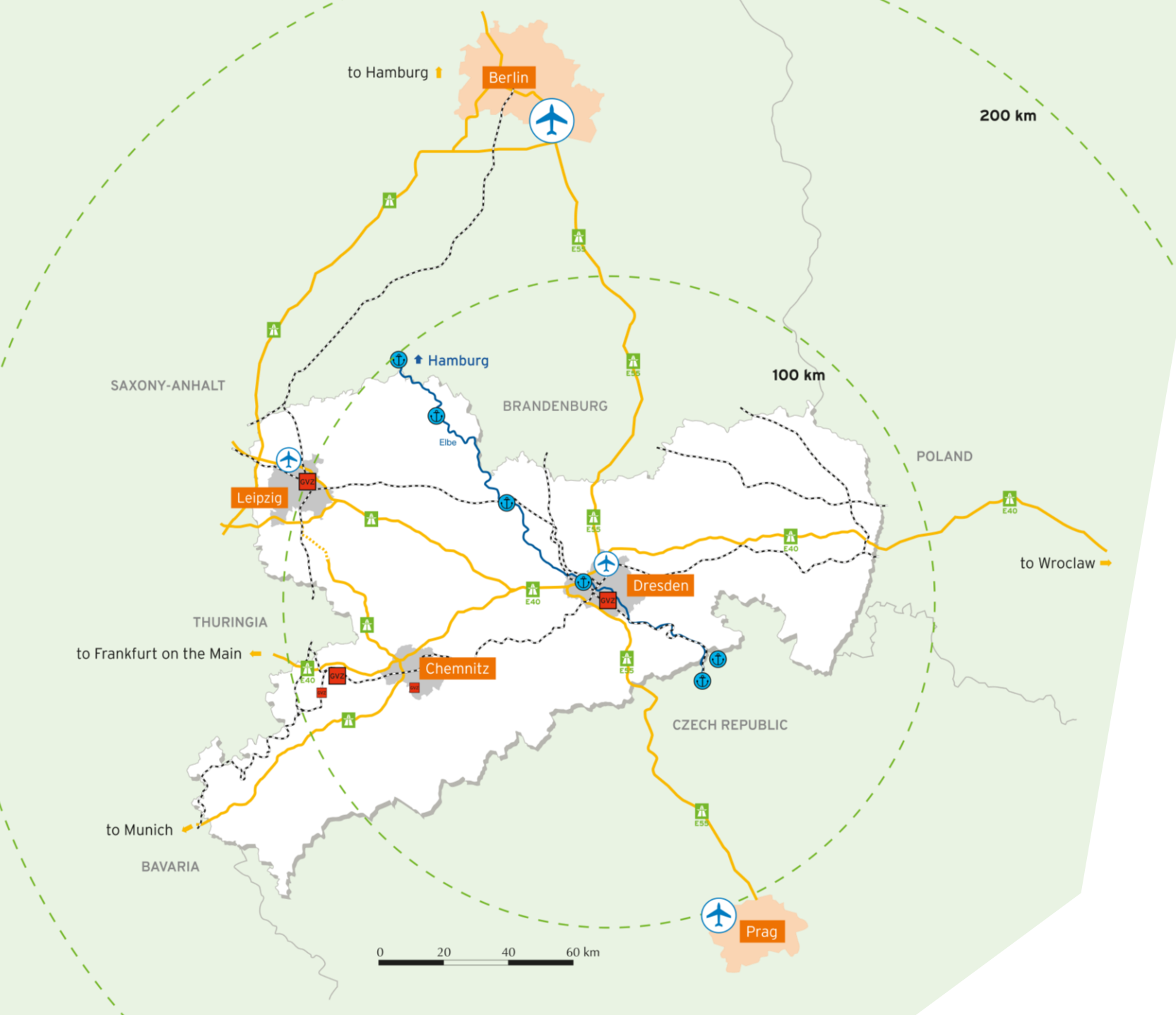
“For us, the business venue Saxony provides ideal prerequisites. The region is renowned and reputed for its microelectronics cluster which is unique in Europe, and it also excels with a superb infrastructure – everything is within easy reach, and the transport connections are excellent.”

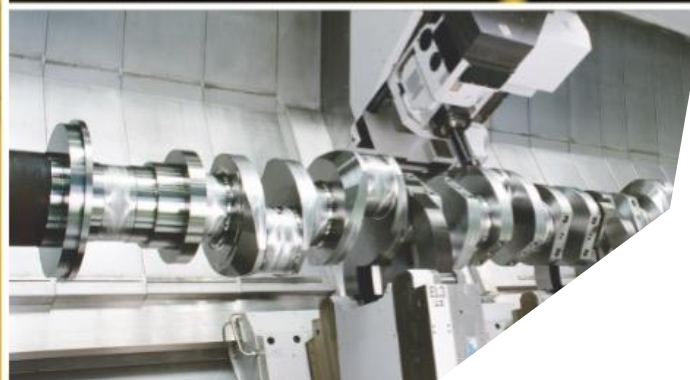
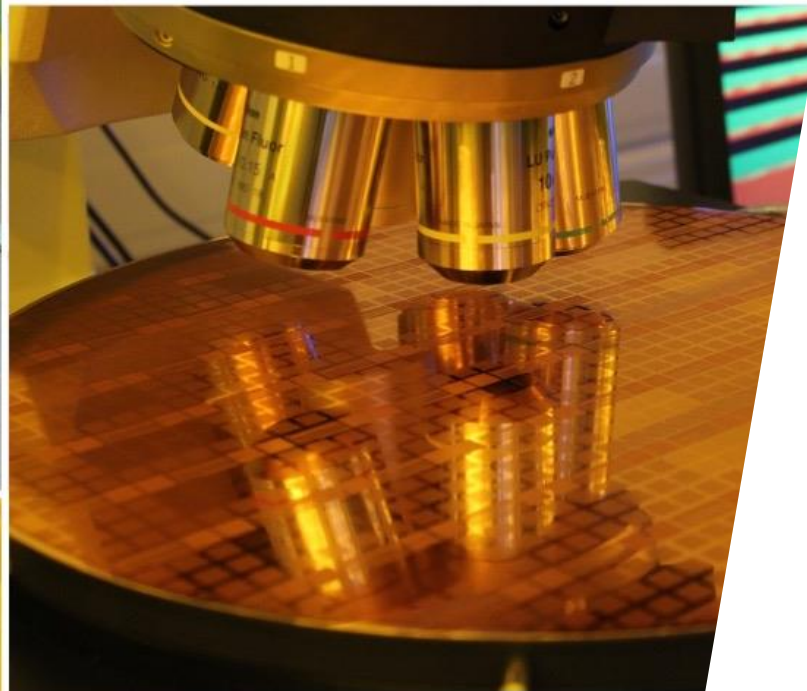
- 2017: BOSCH announces the construction of a new mega fab in Dresden to produce MEMS for applications in mobility and IoT
- With 1 billion euros, it is the largest single investment made by BOSCH in more than 130 years of its company history
- Thanks to the City of Dresden's approval management, production in the BOSCH fab started half a year earlier than had initially been planned
- June 2021: Official inauguration of the factory; 700 employees



SAXONY SETS BUSINESS IN MOTION

- DHL Hub Leipzig – Europe's most modern air cargo hub with 24/7 service
- Intersection of major European roads (E40 / E55)
- One of the densest rail networks on the entire globe with numerous high-speed ICE train connections
- Cross-border trade on the Elbe River (with a direct link to the German North Sea ports)
- DE-CIX Leipzig is the internet exchange point for the German federal states of Brandenburg, Saxony, Saxony-Anhalt, and Thuringia; it is linked via a high-speed glass fiber ring to the world's largest internet exchange point – DE-CIX Frankfurt





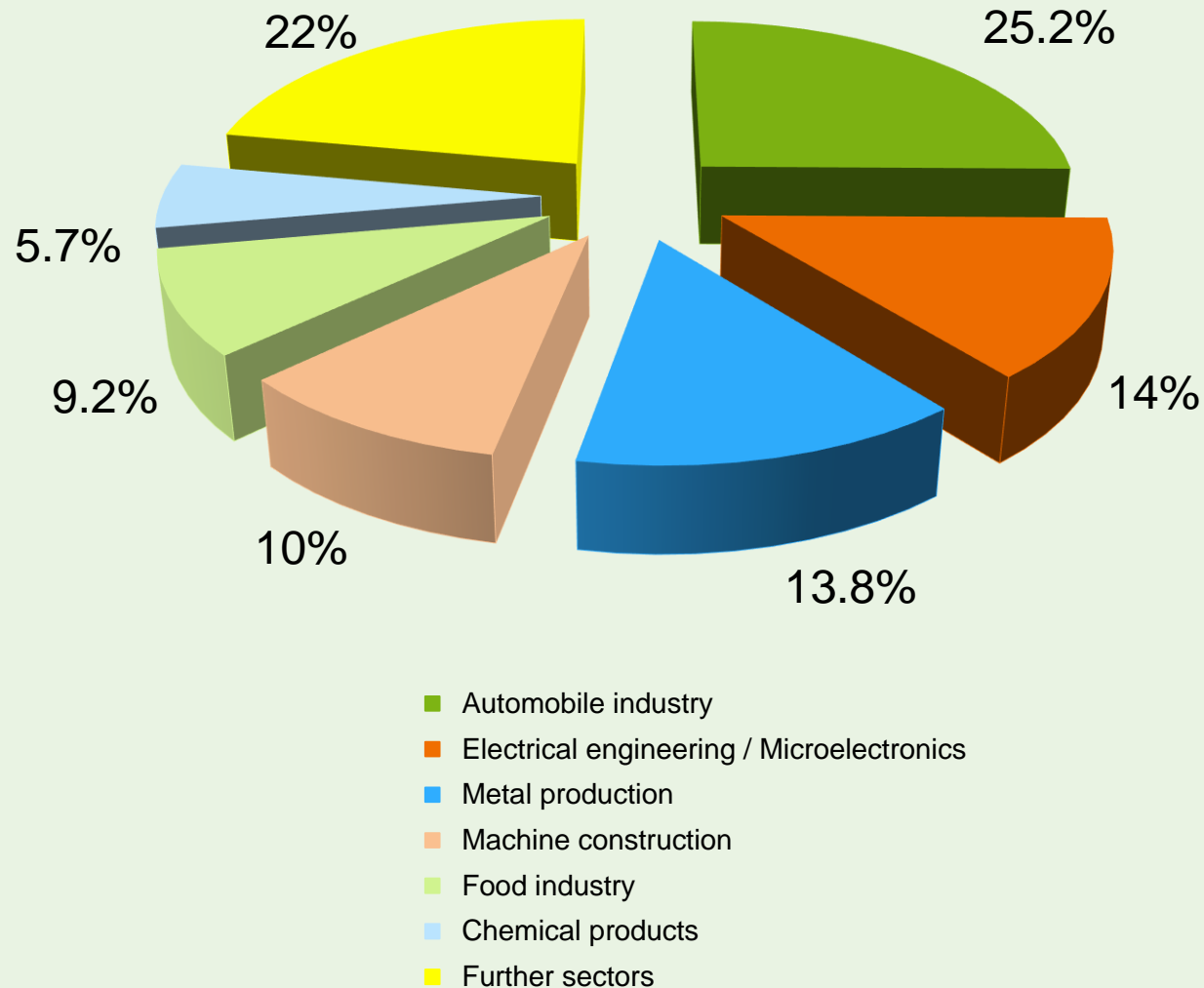
A BUSINESS LOCATION AT ITS BEST

- Second largest GDP growth rate in Germany since 2000
- GDP in 2022: 146,500 million euros
- Industrial turnover in 2022: 83,572 million euros
- Export rate in 2022: 39.9%
- Top location for such global players as Volkswagen, BMW, Porsche, Infineon, GlobalFoundries, BOSCH, DHL, NILES-SIMMONS HEGENSCHIEDT

Source: Statistical Office of the Federal State of Saxony, 2023

Proportion of Key Branches in Saxony's Industrial Turnover (2022)

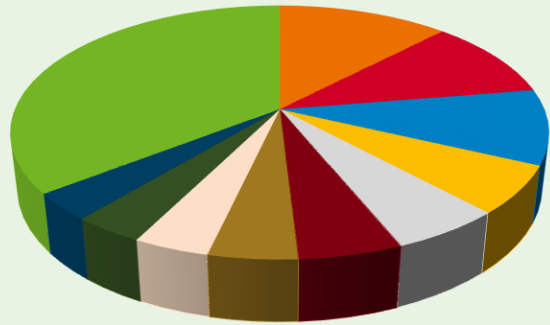
SAXONY!



INDUSTRIAL DIVERSITY

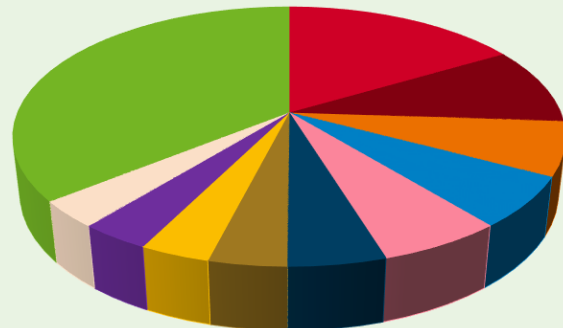
- Key industrial branches: The automobile industry, machine construction, microelectronics / ICT
- Growth cores: Environmental and energy technology, life sciences, logistics, aviation and space, rail technology
- Products of the automobile industry are Saxony's most important export goods – with a share of about a quarter in the industrial turnover and a share of more than a third in foreign sales

Imports (Total € 34,881 million)



- Czech Republic
- China
- Poland
- Netherlands
- Hungary
- USA
- Italy
- Austria
- Japan
- France
- Sonstige

Exports (Total € 52,745 million)



- China
- USA
- Czech Republic
- Poland
- UK
- France
- Italy
- Netherlands
- Taiwan
- Austria
- Sonstige

SAXONY'S MOST IMPORTANT TRADE PARTNERS IN 2022

- Foreign exports in 2022: Goods amounting to 52,745 million euros
- China was the largest and the USA the second largest export partner
- With a 57.3% share in all Saxon exports, Europe was the most important continent
- Imports in 2022: 34,881 million euros
- About 60% came from EU member states, of which more than a fifth came from the Czech Republic

AUTOLAND SAXONY

Among the Top 5 German Automobile Locations

- With six vehicle, engine, and battery factories of Volkswagen, BMW, Mercedes-Benz, and Porsche, “Autoland Saxony” is among the top 5 German automobile locations
- Every eighth automobile built in Germany is “Made in Saxony”

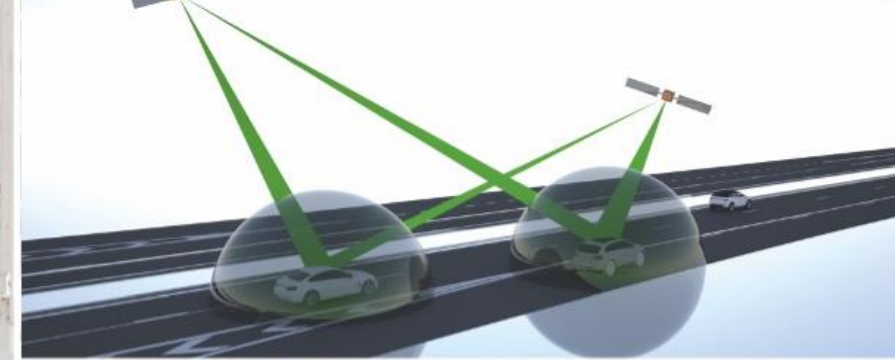


SAXONY!

(e)AUTOLAND SAXONY

... is evolving into Europe's largest production site for all-electric automobiles


- 40% of the fully electric cars produced in Germany come from Saxony
- Fields of innovation: E-mobility, (functional) lightweight construction, automated / autonomous driving



THE CRADLE OF GERMAN MACHINE CONSTRUCTION

More than 200 Years of Tradition in
Textile, Tool, and Printing Machinery
Construction

- Global Players: NILES-SIMMONS-HEGENSCHEIDT, Starrag GmbH, Koenig & Bauer AG
- Numerous SMEs excel with their high innovative power in automation technology / robotics, laser and electron beam processing as well as efficient plant construction
- Fields of innovation: Automation / robotics, energy-efficient product and process innovations in manufacturing; new materials for applications in machine construction



“We’ve chosen Chemnitz as the seat of our corporate headquarters and, thus, the registered office of the NSH Group because we wanted to set a clear signal that the NILES-SIMMONS-HEGENSCHEIDT Group runs its decision-making center in Saxony. With the skilled and competent employees available here and the excellent research environment on site, the NSH Group continues the tradition of producing innovative machine tools with top, world-class quality and promoting them on the global market from Saxony.”

NILES-SIMMONS- HEGENSCHEIDT

One of the World’s 30 Largest
Machine Tool Manufacturers



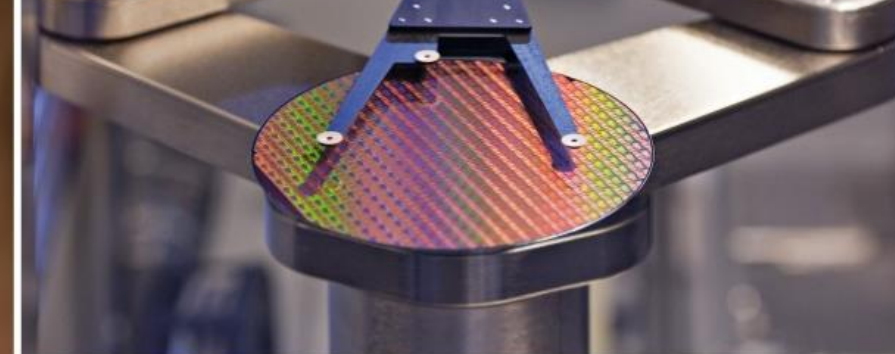
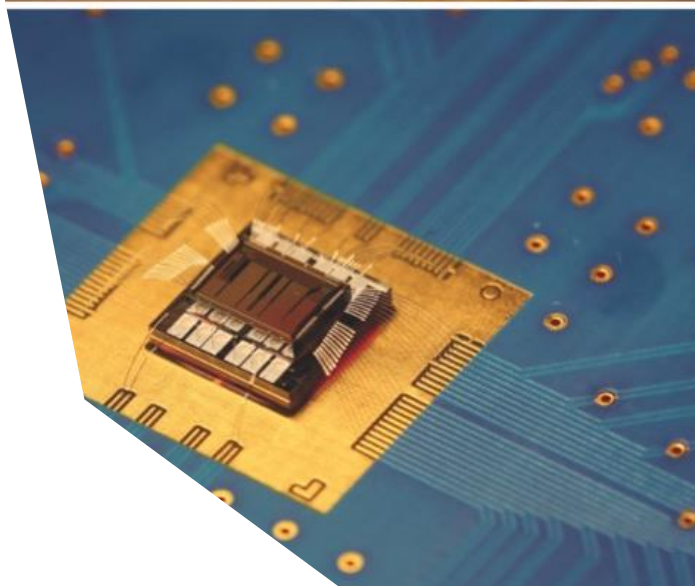
SILICON SAXONY

- Europe's largest microelectronics / ICT cluster and the fifth largest of its kind on the entire globe
- 3,650 companies with more than 76,000 employees

SILICON SAXONY

GlobalFoundries, Infineon, BOSCH and – as of 2025 and 2027 respectively – also JENOPTIK and TSMC operate some of the most modern semiconductor fabs on the entire globe in Saxony

- Every third chip produced in Europe bears the label “Made in Saxony”
- Fields of innovation:
Microelectronics / nanoelectronics,
organic & flexible electronics,
5G / 6G, MEMS / sensors,
automation technology, AI

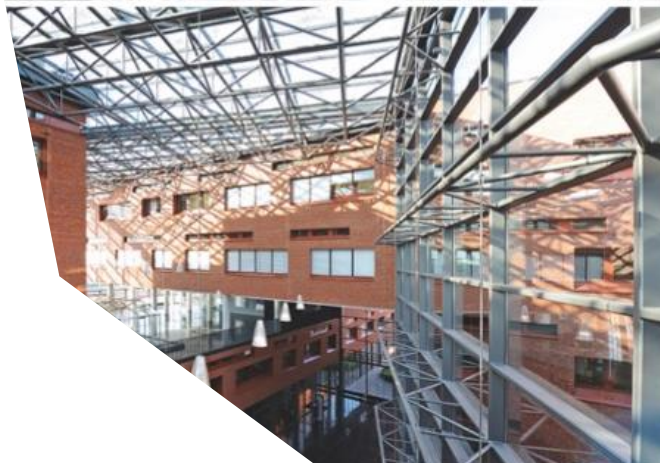
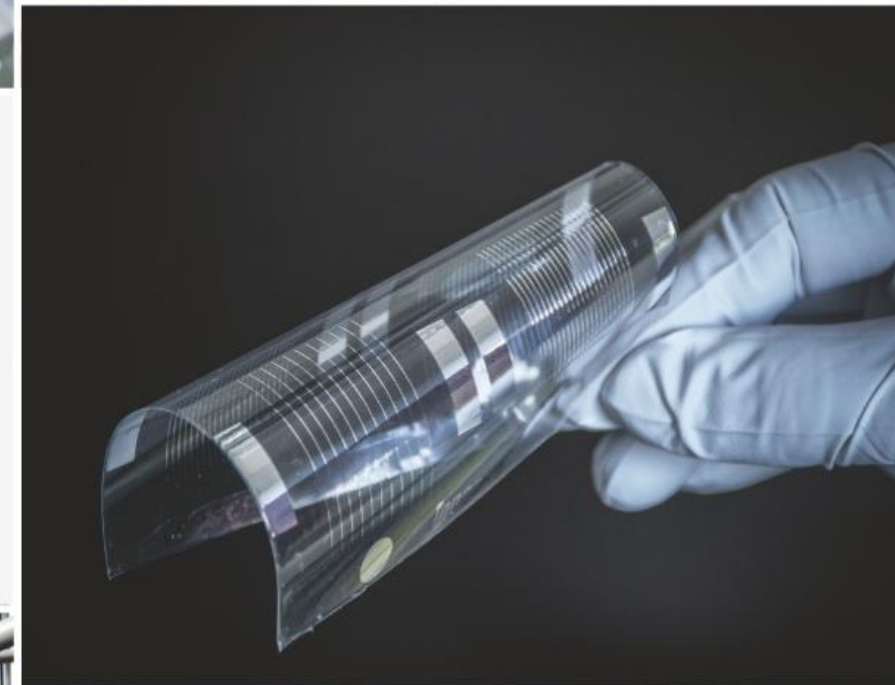


ENVIRONMENTAL AND ENERGY TECHNOLOGY

- Based on Saxony's long mining tradition, the companies and research institutes located here possess outstanding knowledge and expertise in rehabilitating former mining sites as well as in developing and applying resource technologies
- Saxon companies assume a leading position on the global market particularly in the sectors recycling management and renewable energy
- Saxony is considered to be one of the German competence centers for renewable energy, for improving energy efficiency, and for energy storage
- Fields of innovation: Fuel cell and hydrogen technologies, energy efficiency / energy storage / battery technology

LIFE SCIENCES

- Leading location for the development of smart medical applications
- National performance center for cell and gene therapies, regenerative medicine, and oncology
- More than 130 years of tradition in the pharmaceutical industry form the foundation for one of Germany's most dynamic life sciences locations
- With a share of 70 %, medical technology dominates the life sciences branch in Saxony
- GlaxoSmithKline (GSK) produces influenza vaccines for the global market in Dresden, B. Braun operates Europe's most modern production site for dialyzers near Dresden
- Vital clusters are emerging in the area around the two large biotechnology centers in Dresden and Leipzig



LIFE SCIENCES

“The research landscape in Saxony has reached a global level.”

- The Finnish physician and biochemist Prof. Kai Simons participated in the establishment of the Max Planck Institute of Molecular Cell Biology and Genetics (MPI-CBG) in Dresden
- In 2012, at age 74, he also founded the biotech company Lipotype in Dresden

“In the 1990s, I worked as a cell biologist in Heidelberg when I got the offer to participate in the establishment of an institute for molecular life sciences in Dresden. After a rapid development, our research activities in Saxony have truly reached a global level today. Universities, Max Planck, and Fraunhofer institutes, and others – they all form a multidisciplinary community here and provide superb conditions for research. This quality attracts excellent scientists – as was the case with me as well.”



ENTREPRENEURIAL SPIRIT

Ideal Starting Conditions for Business Founders

- The highest subsidy rate per student in Germany
- The highest number of competitions for business startups and ideas
- The highest approval rate for funding applications
- Benefiting from business and science: Innovation platforms (for example, futureSAX) and startup incubators
- Numerous successful spin-offs

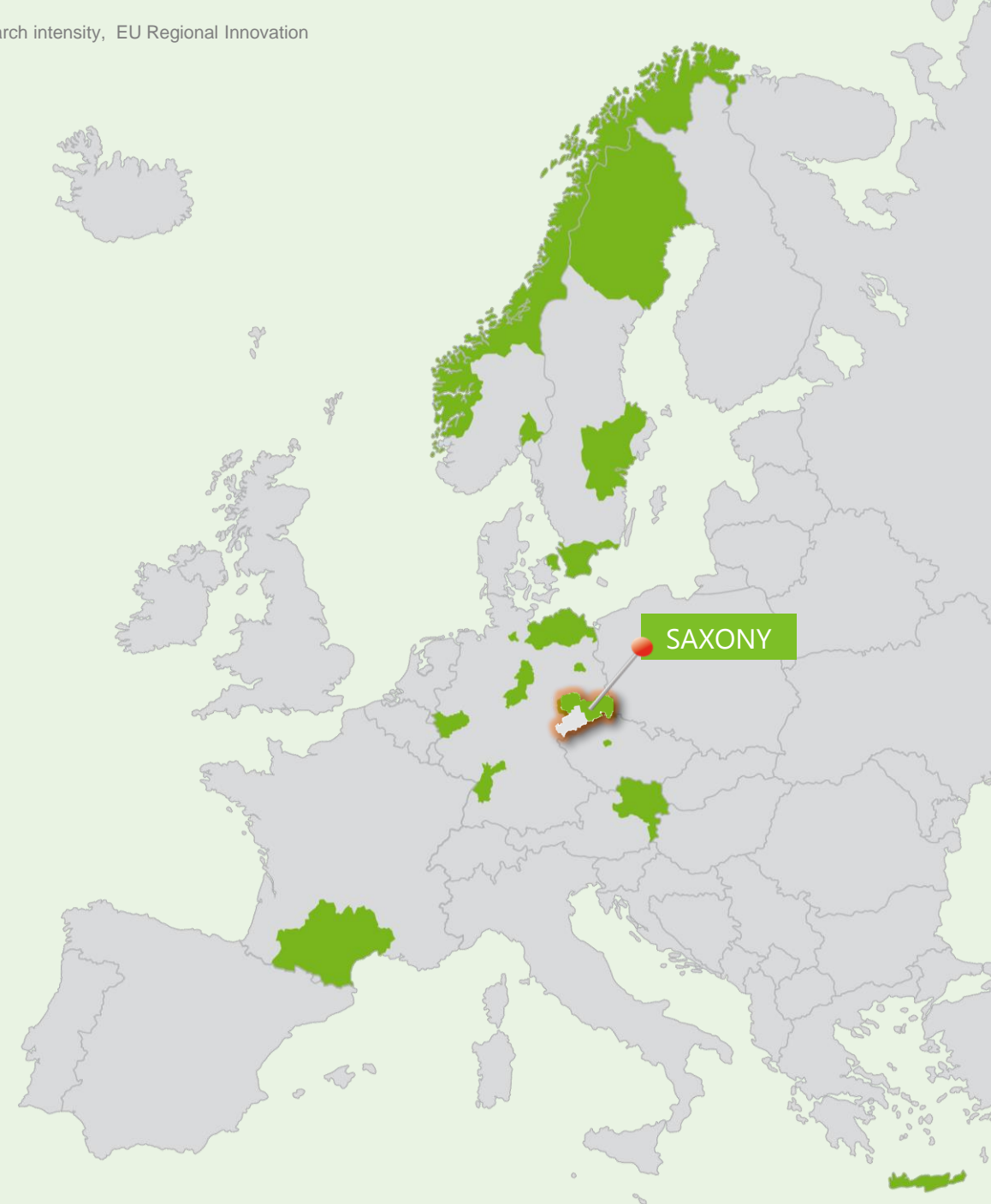
Source: Stifterverband, a donors' association for the promotion of sciences and humanities in Germany

Saxony Trade & Invest Corporation (WFS)

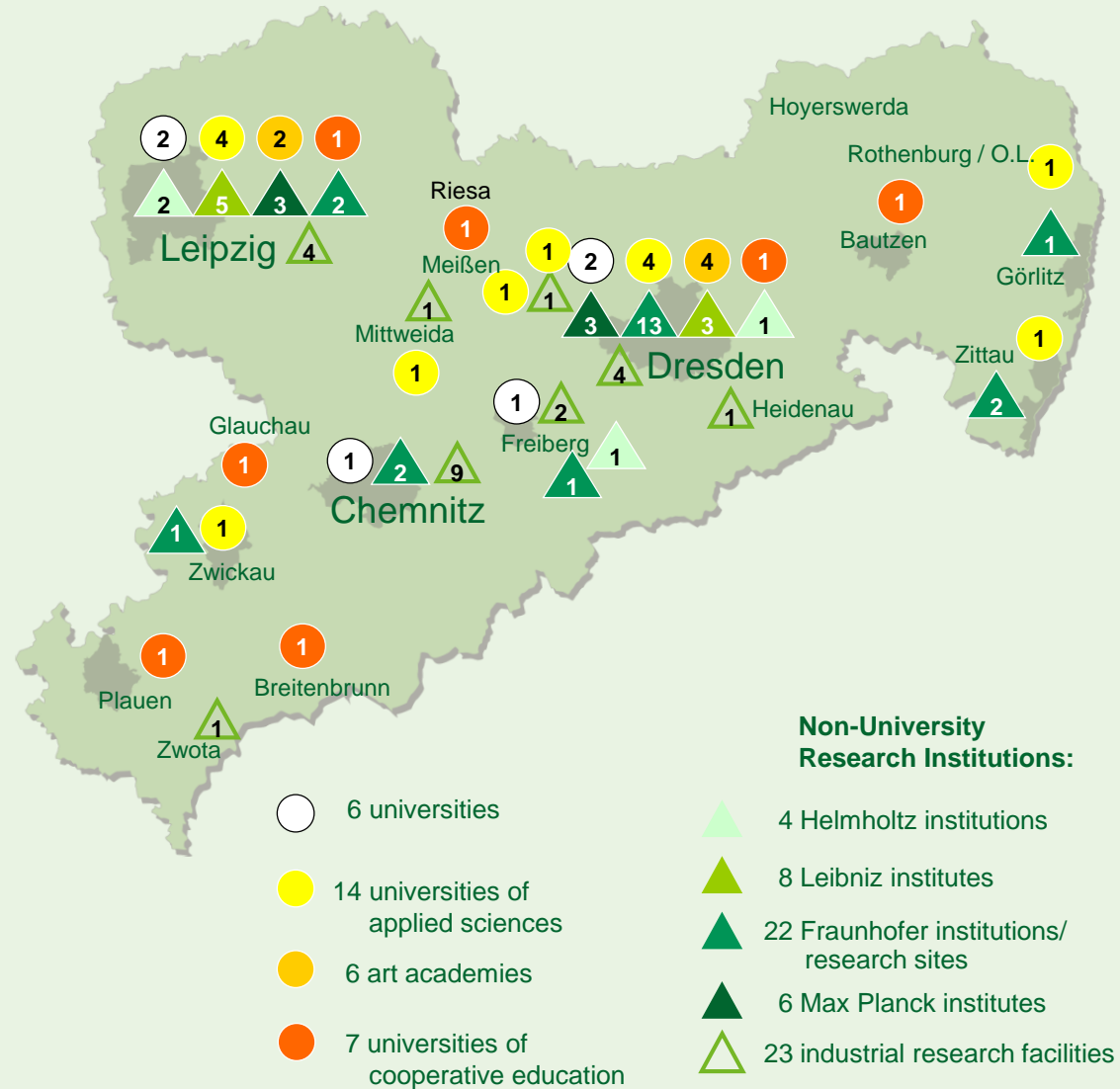


HIGH INNOVATIVE POWER

- Saxony is a “Strong Innovator” region (EU Regional Innovation Scoreboard 2021)
- Highest research intensity of the EU regions (Dresden region)
- Germany’s most innovative universities are located in Saxony
- Most patents from universities in Germany
- Leading universities in Germany in the competition for subsidies for innovation activities
- High degree of R&D cooperations between SMEs and universities
- High density of non-university R&D institutes



Education and Research in Saxony

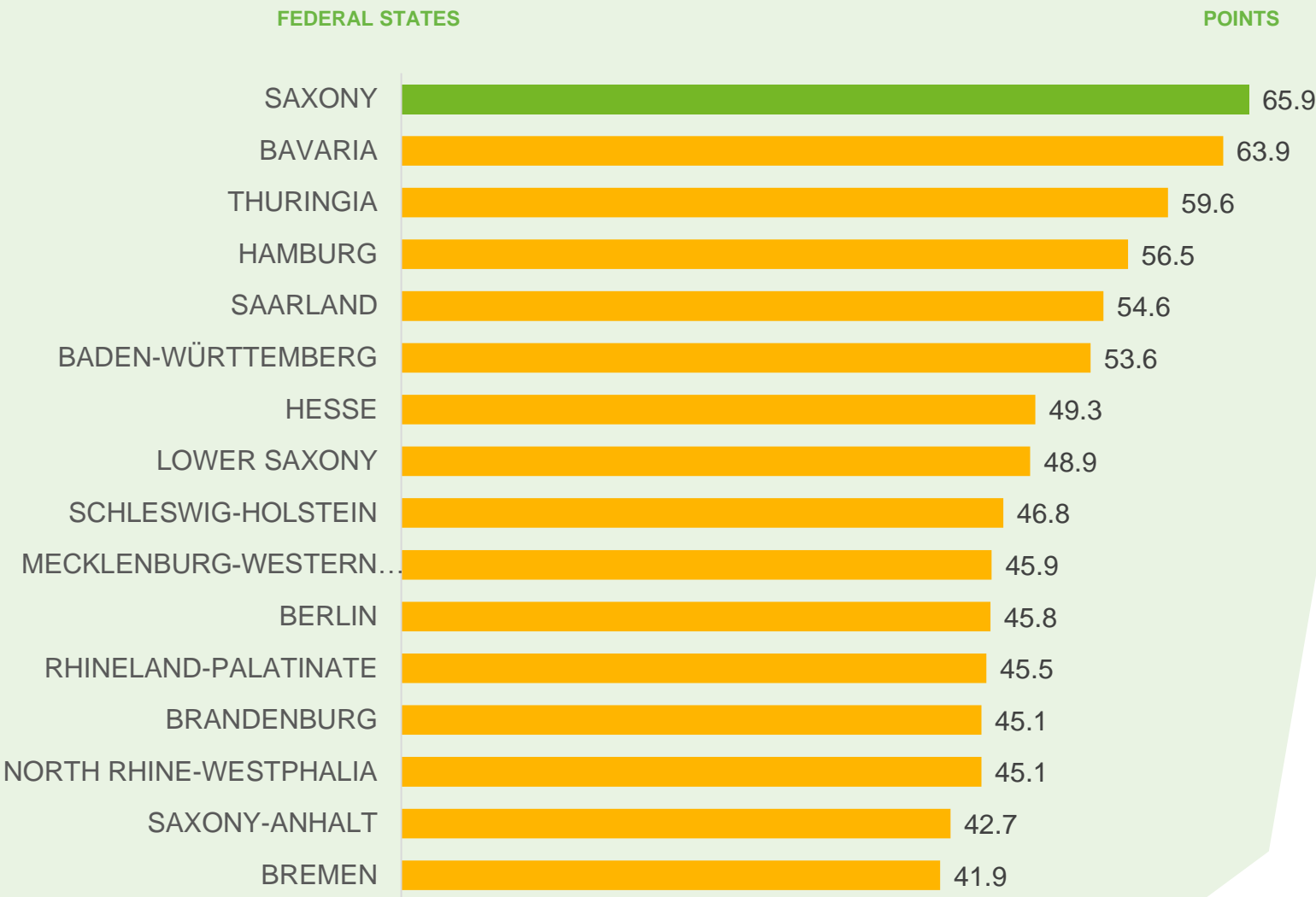


FOCUSING ON THE FUTURE

- Saxony is the German federal state with the second most dynamic innovative power
- Dresden is the largest research location of the entire Fraunhofer Society

A Comparison of the Education Systems of Germany's Federal States

Source: Education Monitor 2022, Cologne Institute for Economic Research (IW) on behalf of the Initiative for a New Social Market Economy (INSM)



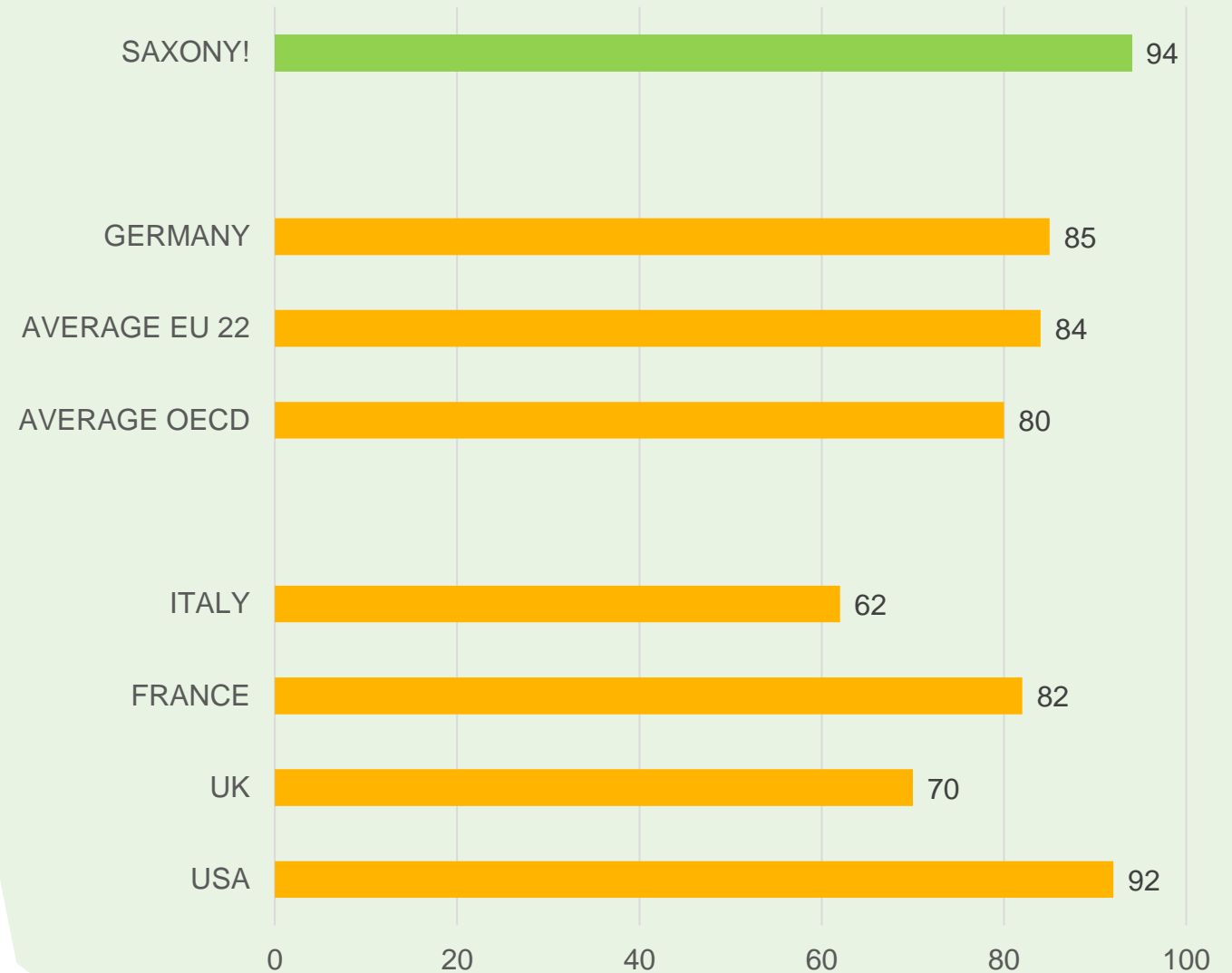
BRIGHT MINDS

- Germany's best education system (since 2006)
- Strong points of Saxony's education system: Support infrastructure, overall school quality, research orientation, avoiding educational deprivation, internationalization
- Saxony's high concentration of universities exceeds the German average
- Saxony is Germany's incubator for engineers – it has the highest proportion of graduates in engineering sciences among all graduates (Saxony: 24.9%, German average: 18.6%)
- English is the first foreign language in Saxon schools
- Second highest proportion of foreigners (17.6%) among students in Germany

BRIGHT MINDS

- Proportion of highly qualified employees (at minimum general university entrance qualification / completed vocational training) above the EU and OECD level
- Employees in Saxony: Balanced relation between generation “experienced” (aged between 45 and 60) and generation “fresh ideas” (aged between 25 and 40)
- Since 2011, Saxony has been able to record net migration gains (2021: +18,827 persons; among that +15,617 persons of whom came from foreign countries)
- Saxons change their jobs less often than the German average
- Highest labor force participation rate of women (aged between 15 and 65) in Germany: 65%

A Comparison of the Educational Levels of Employees (At Minimum General University Entrance Qualification / Completed Vocational Training)



“Getting money as an incentive wasn’t the decisive motivation for our investment in Dresden during the 1990s. Thanks to Saxony’s long tradition as a microelectronics venue, highly qualified and motivated employees were interested in us. In addition to the recruitment of skilled professionals, we also benefited in our R&D activities from the superb cooperation with many local partners with regard to such pioneering topics of the future as developing new radar solutions for autonomous driving or improving the material properties of new chip generations.”

GLOBALFOUNDRIES, FAB 1 DRESDEN

- 1996: AMD started with the construction of its first processor factory outside the USA – in Dresden
- 2009: GLOBALFOUNDRIES, INC. assumed the business operations of the AMD foundry
- More than 10 billion euros have been invested into the Dresden site so far
- Today: 3,000 employees from 50 nations

ATTRACTIVE AND AFFORDABLE HOUSING

The average rent for apartments in large Saxon cities (Dresden, Leipzig) is below the average rent for apartments in other large German cities.

Average Comparable Rent in Large German Cities in 2022 (Euro / sqm)



PREMIUM CHILDCARE

- Saxony has one of the highest childcare rates in all of Germany (94.4% of the children between the ages of 3 and 6)
- International nursery schools in Dresden and Leipzig
- International schools in Dresden, Leipzig, and Southwest Saxony

Source: Federal Statistical Office (destatis)

SAXONY!

SAXONY ENCHANTS

... as Germany's No. 1 cultural destination

- Approximately 400 museums, about 800 exhibitions, approximately 1,000 palaces, castles, and mansions, 14 theaters (80 stages), 3 opera houses, 16 orchestras
- Renowned and reputed orchestras and choirs, including the Gewandhausorchester Leipzig, the Dresden Philharmonic Orchestra, the Thomanerchor Leipzig, and the Dresdner Kreuzchor
- Festivals and markets, including the European theater festival euro-scene, the International Dixieland Festival, the open-air film festival "Filmnächte am Elbufer" on the banks of the Elbe River, and the "Striezelmarkt" (Germany's oldest Christmas market)



VIBRANT CITIES

- Dresden – in the Saxon state capital, high tech meets baroque culture
- Leipzig – pulsating trade show and media city
- Chemnitz – the “City of Modernism” and the traditional heart of Saxon industry
- Görlitz and Zgorzelec in Poland – the “twin cities” which anticipated the united Europe
- Meißen – the cradle of Saxony with more than 1,000 years of history and world-famous for “its” porcelain





SAXONY!

The Pros Behind It

SAXONY!

YOUR CONTACT IN SAXONY

The service portfolio of the state-owned **Saxony Trade & Invest Corporation (WFS)** includes:

- Locational marketing for the Free State of Saxony in Germany and abroad
- Acquiring, advising, and assisting companies wishing to set up or expand their business in Saxony
- Actively supporting the growth of Saxon companies
- Providing information and contacts for the development of domestic and foreign markets
- Conducting sales promotion measures in Germany and abroad

- Hosting and accompanying foreign business delegations in Saxony
- Increasingly using Saxon research and educational facilities with the objective of persuading and encouraging companies from Germany and abroad to start a business in Saxony (in cooperation with futureSAX e.g.) and generating growth here

**Saxony Trade & Invest
Corporation
(Wirtschaftsförderung Sachsen
GmbH – WFS)**

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