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Wroclaw Agglomeration Development Agency









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/ Why Wroclaw?



Perfect location and connectivity

Located in the heart of Europe, and accessible by car in less than 4 hours from Warsaw, Berlin or Prague, Wroclaw is a perfect investment location. A constantly developing railway network supports both passenger traffic and freight transport, while direct flights to nearly 50 destinations make it even easier to travel round the world.



Competent and creative talents

The metropolitan area of Wroclaw, inhabited by 1,200,000 people, is a great source of educated specialists whose knowledge and skills, together with their great command of foreign languages, are highly appreciated by companies from all sectors.



Recognised university hub

Wroclaw is the third largest academic centre in Poland. 28 universities, including 108,000 students in engineering, IT, F&A, linguistics and other majors, bring over 26,000 graduates to the local labour market each year. Unique on the national scale is a recent official announcement – the presence of the Coventry University Wroclaw Branch.



Innovation and creativity

Thirst for knowledge and rapid growth drive Wroclaw creativity. IT, biotechnology, engineering, chemistry and pharmaceutical sectors are just a few industries represented in the region by large international brands, as well as locally established startups. Great support offered by over 30 incubators and coworking spaces, together with vast networking events at hand, foster the creation of yet more micro businesses.



High quality of life

European Capital of Culture 2016 and Best European Destination 2018, Wroclaw is a fantastic place to live, study and work. Its rich and diverse cultural offer will allow everybody to find the best means of entertainment within the most preferable surrounding – be it a park, the Old Town with its Market Square, the historic Cathedral Island of Ostrów Tumski or any other place.



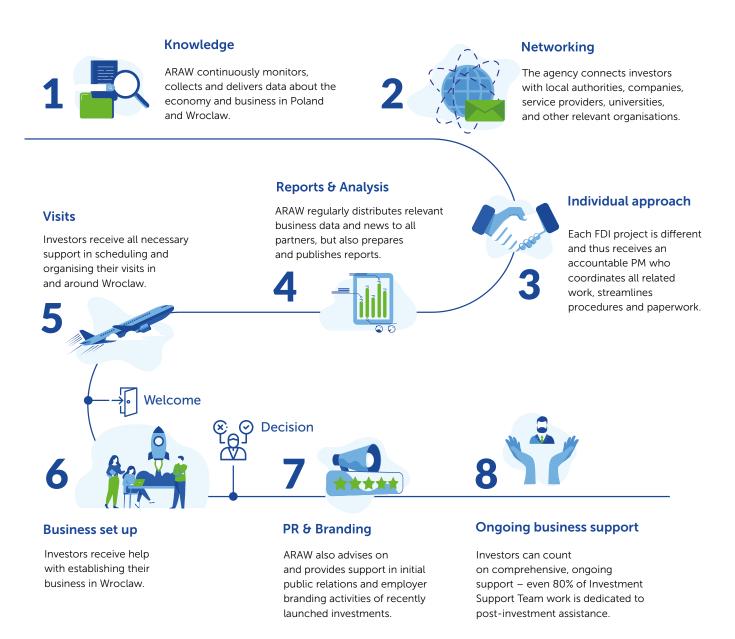
Business friendly

The supportive attitude of the city is very much appreciated by both local business and foreign direct investments (FDI). Moreover, the activities of Wroclaw Agglomeration Development Agency – the first such institution in Poland providing extensive support during the investment process, as well as offering a vast range of aftercare activities – are recognised and noticed by other cities.

Wroclaw - soft landing guaranteed

We provide top quality support for foreign and Polish businesses not only during the investment process but also long after the entity has established its activity in the region. Our knowledge, experience, and network are at your service.

Our one-stop shop approach



Wroclaw Agglomeration Development Agency

Comprehensive support for investors

Created at the turn of 2005 and 2006 to provide one-stop shop support for investors in the Wroclaw Agglomeration during the investment process.

• Varied aftercare offer

Extensive range of post-investment activities that involve networking and ecosystem building to encourage technologically advanced projects – R&D, ICT, KPO, Industry 4.0, electromobility.

• Pioneering project in Poland

First such institution in Poland, resulting from a cooperation between Wroclaw and 29 surrounding communes to foster business growth in the region.

• Partner of the national agency

Local partner of the Polish Investment and Trade Agency (PAIH), which supports both the foreign expansion of Polish business and the inflow of the foreign direct investments (FDI) to Poland.

Experienced and successful

Until today, ARAW has successfully served over 200 FDIs, resulting in the creation of over 100,000 new jobs.

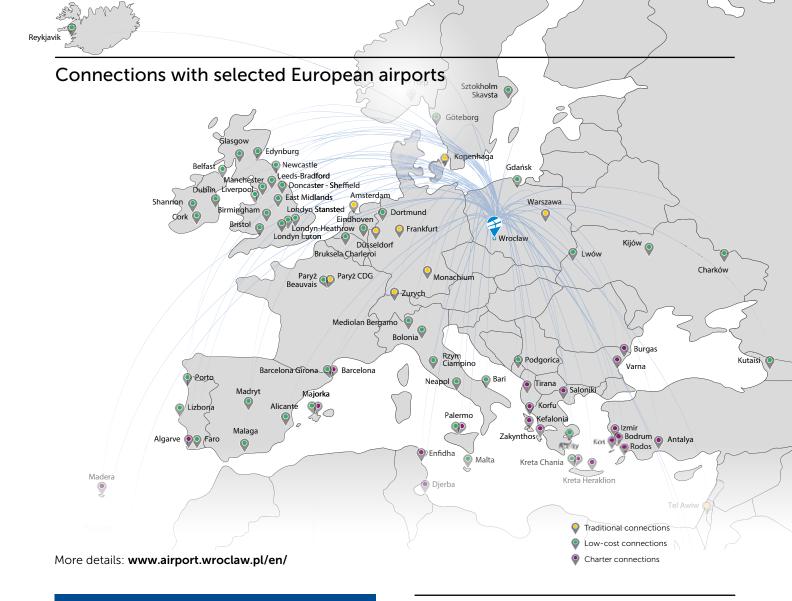
• Awarded by international experts

Recognised by international expert institutions and organisations, like fDi Magazine (Financial Times Group), Emerging Europe, Forbes and many others.

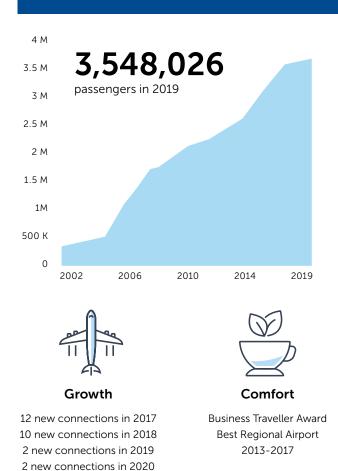


Location & Connectivity

Wroclaw is situated strategically between Prague, Warsaw and Berlin, each reachable by car in less than 4 hours. Due to an excellent infrastructure – modern motorways, a constantly growing airport and an expanded railway network – the city is perfectly connected with the rest of the world. Numerous bus ϑ tram lines, municipal car sharing systems of electric cars and electric scooters, together with the City Bike System, make it easy to move around Wroclaw quickly and encourage inhabitants to be eco-friendly.



Passenger traffic at the Wroclaw Airport



The best regional airport in Poland

The Wroclaw Nicolaus Copernicus Airport provides its services to network carriers such as Lufthansa, Swiss, Air France and KLM, low-cost carriers like Ryanair and Wizz Air, and also charter airlines hired by tour operators. With so many various operators, the airport offers a wide range of direct flights to major hubs across Europe (19 daily connections to Amsterdam, Copenhagen, Düsseldorf, Frankfurt, Munich, Paris, Warsaw and Zurich), 3 daily flights to London (Luton and Stansted) and flights to 17 of the largest capital cities of Europe. Due to the modern and functional terminal, alongside the comfortable network of connections, Wroclaw Airport is willingly chosen both by outbound travellers and visitors.



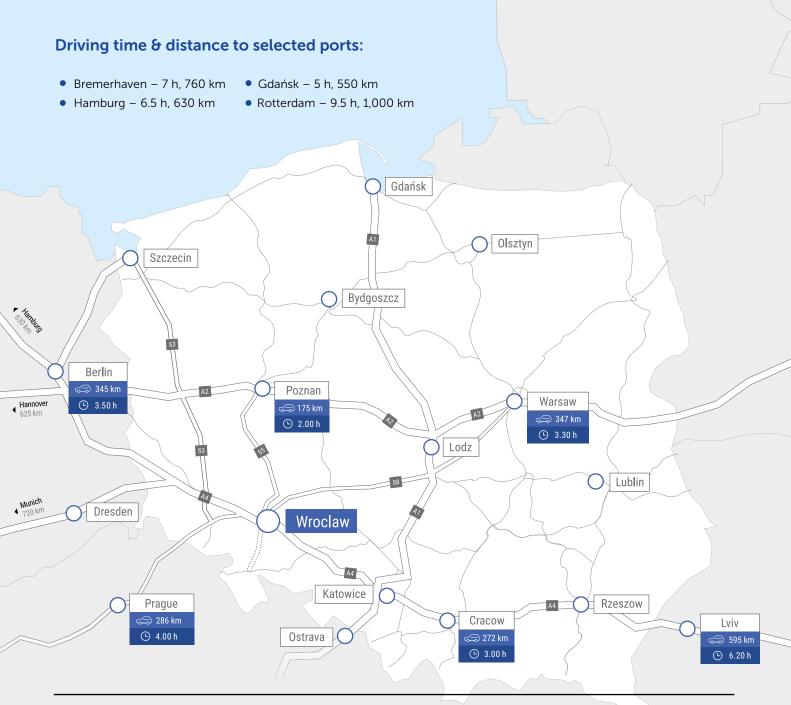
Safety

ILS CAT II landing support system. Best parameters among regional airports



Convenience

Only 10 km away from the city centre, parking spaces for 4,000 cars, Kiss&Fly zone, taxi, bus, shuttle bus



Polish transportation infrastructure

Poland has significantly upgraded its infrastructural network over the past decade, putting into use motorways and expressways with a total length of 4,132 km (2003-2018). Under the National Road Construction Programme (2014-2023), PLN 107 billion will be spent for the construction of 3,900 km of motorways and expressways, including 57 new ring roads. By 2025, we will achieve 6,145 km of motorways and expressways. Moreover, by 2023, PLN 67.5 billion will be spent upgrading the Polish rail network.

4,132 km

motorways and express roads built in Poland 2003-2018



planned motorways and express road length by 2025 Wroclaw is the first Polish city to complete a planned network of motorways and expressways. Driving times to other major cities in the CEE region were greatly reduced, including: Warsaw (3.5h via S8 road), Szczecin (4.5h via S3 road), Dresden (2.5h via A4), Krakow (3h via A4), Poznan (2h via S5). Completion of the motorway ring in 2011 released the city centre of Wroclaw from transit-related traffic.

PLN 67 billion

planned rail infrastructure investment in Poland by 2023

730 km

share of Polish roads in the Via Carpatia trail

Public transport system of Wroclaw

Wroclaw is one of the most innovative cities in Poland in terms of public transport. You can choose between buses, trams, city bikes, electric cars and scooter rentals, as well as the regional railway.

Mobility is recognised as a pillar of Wroclaw's Smart City strategy programme. The city is aiming for an integrated transport system, ICT and the development of ecofriendly solutions.

Every citizen has access to the URBANCARD system. Not only does it allow easy travel around the city, thanks to its prepaid system, but it also provides numerous discounts and facilities.

Key facts



Buses

99 bus lines 431 low-floor vehicles

Trams



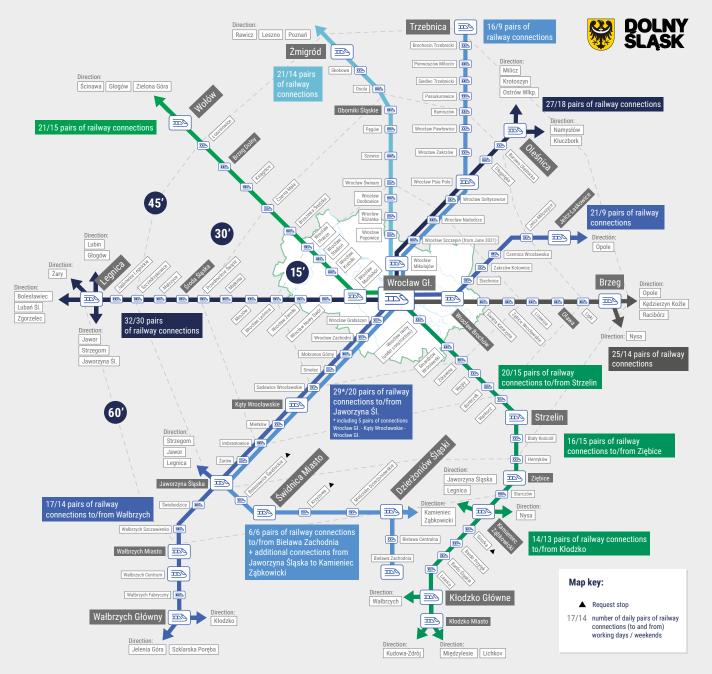
23 tram lines 200 trams in rush hours



Bikes

435 km of bike lanes 2,000 bikes and 200 stations in the City Bike System

The railway network in Lower Silesia (2020/2021)



Strong economy

The economy of Wroclaw is based on knowledge of enterprises, which are focusing on providing professional, scientific and technical services. Significant intensification of activities can also be observed in industries such as automotive, mechanical engineering, pharmacy, modern business services, IT & ICT. The diversification of the market in Wroclaw is really unique and creates vast possibilities and opportunities for inhabitants.

Strong and Diversified Economy

Diversified labour market

Wroclaw is one of the largest and most developed cities in Poland. In the past few years, it has experienced tremendous progress in both economic and socio-cultural areas. What is also important is that Wroclaw belongs to the top cities when it comes to creating new jobs and increasing the quality of living of the citizens. The whole Lower Silesia region, which Wroclaw is the capital of, is also known as the most urbanised region in Poland. Factors that have significantly impacted the development of the Wroclaw metropolis are, among others, its great location – especially the proximity to Germany and the Czech Republic leading further to the West and South of Europe, respectively – and well-developed infrastructure increasing the connectivity aspect. These and some more advantages of the region have attracted famous international brands of all sectors to the city.



Daimler, LG Energy Solution

Sustainable development in the region is focused on

providing a high quality of life for current and future

citizens, as well as on creativity, innovativeness and

entrepreneurship. One of the most important aspects

in the city's strategy is to not just improve mobility and quality of the environment, but also to increase the amount of foreign investors and to support new creative businesses entering our local market.

(Hitachi), IBM (Kyndryl), Nokia, Opera Software, Tieto, Unit4, Volvo IT

Modern Business Services

Wroclaw is one of the leading destinations for business services, IT sourcing, and software development in Poland and Central Europe. The key factors constituting the attractiveness of the city are the large talent pool of professionals and graduates, the high quality of education, proficient level of language skills and large guantity of modern office stock. The vast number of R&D centres together with strong IT and finance sectors are features that distinguish Wroclaw as a high-quality location.

GBS: HR, F&A, Admin

3M / US Amrest / PL AXA XL / US Axiom Law / US Becton Dickinson / US BNY Mellon / US Credit Suisse / CH Deichmann / DE Delaval / SE EY GDS / UK Fortum / FI Fresenius Kabi / DE Fresenius Medical Care/ DE Getsix Holding / DE Google / US HPE / US HP Inc. / US Kaufland / DE Mahle / DE Merck / DE Olympus / JP Qiagen / DE Parker Hannifin / US Pattonair / US PPG / US Santander Global Operations / ES Schaeffler / DE Smith+Nephew / UK SSAB / SE Tovota / JP UBS / CH UPS / US Volvo / SE ZF / DE

КРО

Allianz / DE BNY Science / US Crisil Irevna / IN EY GDS / UK McKinsey / US

BPO

Contract Administration / GB/PL CSS Corp / US DXC / US Gates / US Impel Business Solutions / PL Xylem / US

Contact centre/ **Debt Collection**

ACN / US CCIG / PL Intrum / SE KRD / PL Kruk SA / PL Lindorff / NO Pyszne.pl / PL

52,500 201

companies in the modern services sector

Qatar Airways / QA Santander Consumer Bank / ES Ultimo / PL

R&D IT

CD Projekt Red / PL Diehl Controls / DE Dolby / US Etteplan / Fl Gigaset / DE GlobalLogic / US LiveChat / PL Neurosoft / PL Nokia / Fl Opera Software ASA / NO DataWalk / PL Optiva / CA Red Embedded Group / UK Ryanair Travel Labs / IE S3 / IE Techland / PL UNIT4 / NL Viessmann / DE

IT services

Accenture / US Alfa-Net / PL Altimi Solutions / PL Aptitude Software / UK Atos / FR Avenga IT Professionals / PL AxiomSL / US Birlasoft / IN BTech / PL Capgemini / FR Ciklum / DK Clearcode / PL Codelab / PL Code Poets / PL Cogniance / US Comarch / PL CrazyCall / PL Criteriamx / AT CSS Corp / IN DataArt / US Divante / PL

employees in the modern services sector in Wroclaw

languages spoken in Wroclaw service centres

Duco / US Epam Systems / US/BY Epiq Systems / US FrameLogic / PL Gorilla Group / US HCL / IN Hicron / PL Infor / US Infosys / IN Infusion / US InsERT / PL Intive / PL Kyndryl (IBM) / US Luxoft / CH Mphasis / US/IN NBC / PL NeuroSYS / PL Objectivity / US Ocado / UK OpsTalent / UK QAD / US Quality Task Force / CH PGS Software / PL RST / PL Ryanair Travel Labs / IE Sente / PL SI Consulting / PL Sii / FR S3 Group / IE Softserve / UA Spyrosoft / PL Sygnity / PL Talex / PL Thaumatec / PL Tieto / Fl Tigerspike / AU ToopLoox / PL Transition Technologies / PL Unic / CH Unity / PL VM.PL / PL Volvo IT / SE

Selected Wroclaw Startups

Ada Bioavlee Bioceltix 1.24 м

sam of modern office stock

Biotts Blebox Brand24 **bvteLAKE BZB UAS** Carly ChallengeRocket Cryptomage Datarino Drivebox Droids on Roids Drving Process Encedo Explain Everything Flash Robotics Funmedia Genomtec Giant Lazer Identt Infermedica Kadromierz Laparo LeoRover Liga Niezwykłych Umysłów Look4App Meeting Application Monterail Nestmedic Piwik PRO Proa Technology ProxiGroup Pure Biologics QNA Technology SatRevolution Saule Technologies Scanwav SensDX Smabbler Syntoil TestArmy TimeCamp Tooploox VR Global Woodpecker Zeccer Zmorph zrzutka.pl

Manufacturing sector

Lower Silesia and its capital – Wroclaw – make up one of the top manufacturing hubs in Poland. Large numbers of foreign companies, extensive skills and qualifications of employees, and innovativeness including industry 4.0 solutions, result in one of the highest levels of productivity in the country. The sector's strength and diversity are shaped by the presence of the world's leading industries - automotive, white goods, engineering, aerospace, pharmaceutical and chemical.

341,000 employees in the manufacturing and construction sector in the re

2.7-3.9

headline rent € / sqm / month (Q3 2020)

Automotive

AKS Precision Ball / JP Autoliv / SE BASF / DE Robert Bosch / DE Carcoustics / DE Chassis Brakes / US Daimler / DE Eto Magnetic / DE Faurecia / FR Garmin / US Gates / US Gestamp / FS GKN / UK Govecs / DE GTHR / CN Industrias Alegre / ES Lear / US Leoni / DE LG Energy Solution / KR NSK / JP Pittsburgh Glass Works / US Ronal / DE Sanden / JP Simoldes Plasticos / PT Sitech / DE Teknoware / Fl Toyota / JP Vibracoustic / DE Volkswagen / DE Volvo / SE ZF / US

Aerospace

Becker Avionics / US Collins Aerospace / US Paradigm Precision / US Radiotechnika Marketing / PL Ryanair / IE Unison GE / US XEOS / US/DE

2.59 м

sgm of modern warehouse/ manufacturing space (Q3 2020)

Electronics / White goods

Asplex / TW Bafang Electric / CN BSH / DE Dongseo / KR Electrolux / SE Elica / IT Heesung / KR Hemmersbach / DE Ilpea / IT Italmetal / IT Komsa / DE Lapp Kabel / DE LG Display / KR LG Electronics / KR I G Innotek / KR MSI / TW Posco / KR TelForceOne / PL USI Poland / TW Vestel / TR Wago Elwag / DE Whirlpool / US

Mechanical Engineering

Aluwind / DK Bombardier / CA Boart Longyear / US Danfoss / DK DeLaval / SE GEPower / US HACO / BE KGHM Zanam / PL Midroc Alucrome / SE Parker Hannifin / US Rawlplug / PL Siemens / DE Toya / PL Vorwerk / DE Viessmann / DE

184,700

and construction sector in the region

sgm of industrial and logistic space demand in Q1 2021

Food processing

Bama / US Bulk Powders / US Cargill / US Lorenz Snack-World / DE McCain / CA Mondelez / US Nestle Purina / US Nordis / Pl PPO Siechnice / PL Sonko / PL Tarczynski / PL Wratislavia / PL

E-commerce / Logistics

AB SA / PL Amazon / US Crusar / PL DHL / DE DSV Panalpina / CH Kuehne + Nagel / CH MBS Logistics / PL/DE Pattonair / UK Raben / NL Schavemaker / NL Rohlig Suus / PL THG / UK Tim / PL Trans.eu / PL UPS / US

Chemical / Pharmaceutical

3M / US BASF / DE Colgate-Palmolive / US Clarena / PL E&S / ES Hasco-Lek / PL Herbapol / PL LG Energy Solution / KR Linde Gaz / DE

MacoPharma / FR Materialise / BE Oleofarm / PL Paragon Medical / US PPG / US PCC SE / DE Selena / PL S-Lab / PL USP Zdrowie / PL

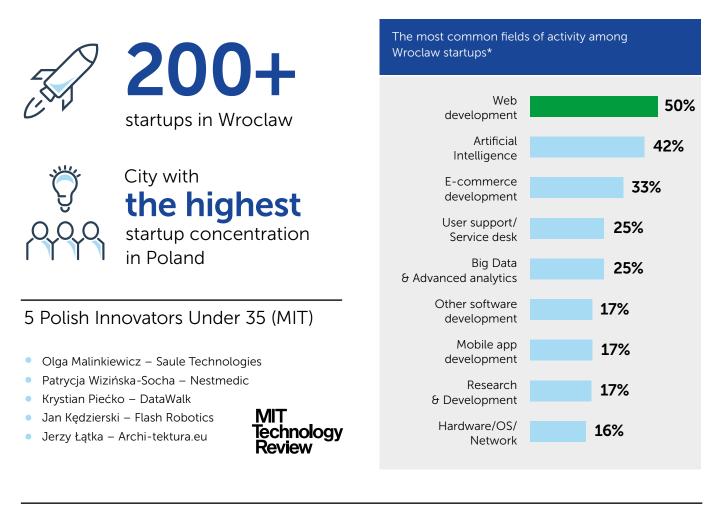
R&D industrial

3M / US Align Technology /US Autoliv / SE Balluff / DE DeLaval / SE Novasome / PL LG Electronics / KR KGHM Cuprum / PL Mondelez International / US PCC Rokita / DE Shindetek /CN Sitech / DE Robert Bosch / DF Collins Aerospace / US XTPL / PL

/ Innovation Driven City

Vivid startup community

Wroclaw is not only a recognised IT and R&D hub but also the second largest startup ecosystem in Poland. ICT innovations that are developed here, together with the advancement of technologies and solutions in the fields of new materials and fuels, as well as biological and nano-technologies (to mention just a few selected areas of interest) play a significant role in creating a knowledge-based economy.



Selected Wrocław startups and their successes

XTPL – The Best Polish Startup (Presidential Economic Award 2017)

Saule Technologies – Social Impact Award (Deloitte Technology Fast 50 Central Europe 2018)

Syntoil – 2nd place globally (Chivas Venture 2019)

Tooploox, Luxon LED, Monterail (Financial Times 1000 Europe's Fastest Growing Companies 2019) Infermedica, Genomtec (Top 5 InCredibles 2018)

Codedose, Piwik PRO, Luxon LED, Time Solutions, Saule Technologies (Deloitte Technology Fast 50 Central Europe 2018)

Tooploox, Droids on Roids, Monterail, Brand24, Divante, Luxon LED (Deloitte Technology Fast 500 EMEA 2017)

Exquisite R&D facilities

Exquisite R&D facilities Complex and varied infrastructure available in the city facilitates the creation of innovative and services, alongside enabling the conduction of research projects. Wroclaw research centres offer state-of-the-art laboratories and equipment, as well as international specialists to operate the labs and support. Wroclaw academic hub forms a platform for the government, local academia and the city's business society to come together to encourage knowledge transfer and growth in R&D activities.





50+ accredited labs

d IT centres

incubators and coworking spaces

Main research areas:

- Information Technology
- Engineering
- Chemistry & Pharmaceutics
- Biotech & Nanotech

Selected research institutions/units

| HAK LLC Research and Development Centre | https://cbrhak.pl/ |
|--|-------------------------------------|
| Institute of Energy Systems Automation in Wroclaw | http://www.iase.wroc.pl/ |
| KFB Acoustics | http://kfb-acoustics.com/ |
| KGHM CUPRUM Research and Development Centre in Wroclaw | https://kghmcuprum.com/en/ |
| L. Hirszfeld Institute of Immunology and Experimental Therapy PAN | https://www.iitd.pan.wroc.pl/ |
| Łukasiewicz Research Network - Electrotechnical Institute Division of Electrotechnology and Materials Science | http://www.iel.wroc.pl/?Language=EN |
| Łukasiewicz Research Network – PORT Polish Center for Technology Development | https://www.port.org.pl/en/ |
| Machinefish Materials & Technologies | https://machinefish.pl/en/ |
| Military Institute of Engineer Technology | https://www.witi.wroc.pl/pl/ |
| Poltegor Institute | http://www.igo.wroc.pl/en/ |
| Pracownia Hałasu | http://www.pracowniahalasu.pl/ |
| Research and Development Centre Novasome LLC | https://novasome.pl/en/ |
| Research and Development Centre, Provincial Specialized Hospital in Wroclaw | http://www.wssobr-wroc.pl/ |
| University of Wroclaw | https://uni.wroc.pl/en/ |
| W. Trzebiatowski Institute of Low Temperature and Structural Research PAN | https://www.intibs.pl/en/ |
| Wroclaw Centre of Technology Transfer | https://wctt.pwr.edu.pl/en/ |
| Wroclaw Medical University | https://www.en.umed.wroc.pl/ |
| Wroclaw Technology Park | https://www.technologpark.pl/en/ |
| Wroclaw University of Economics and Business | http://www.ue.wroc.pl/en/ |
| Wroclaw University of Environmental and Life Sciences | https://upwr.edu.pl/en/ |
| Wroclaw University of Science and Technology | https://pwr.edu.pl/en/ |
| ZEC Diagpom | https://www.diagpom.pl/index.html |
| Zespół Elektrociepłowni Wrocławskich KOGENERACJA S.A. | http://www.kogeneracja.com.pl/en/ |

Vibrant Academic Centre

Wroclaw is the third largest academic centre in Poland, attracting young people from all over the country, Europe and even further destinations. Each year, both public and private universities educate nearly 108,000 talented individuals, who are very much appreciated by the local business. Students start their cooperation with companies during their 2nd and sometimes even 1st year of studies, whereas part time employment during 3rd or later years is almost a rule.

Picture taken at SWPS University (Wroclaw)

108,000 students in Wroclaw

26,400 28

8,220 foreian students in

Wroclaw

96% students speak English

Number of students of important majors in Wroclaw

9,500 ITC & related

graduates annually

Engineering

26,200 24,000 5,500 3,800 F&A. Management. Administration

Language studies

Law

Biggest universities in Wroclaw



Wrocław University of Science and Technology

Wroclaw University of Science and Technology

The top technical university in Poland with approximately 21,000 students being educated by 2,200 academic teachers in 13 faculties. The graduates are highly valued on the labour market.



universities & higher

education institutions

Wroclaw University of Economics and Business

Wroclaw University of Economics and Business

There are over 10,100 students enrolled at the university. 76% of the graduates find employment within the first 3 months after graduation. WUE is ranked among the top economic higher education institutions in Poland.



University of Wroclaw

One of the universities with the longest tradition in Poland. Throughout its longer than 300-year-history, it has produced 9 Nobel Prize winners. At present, there are almost 23,000 students studying at 10 faculties.

Over 100 student scientific clubs in Wroclaw

ARES team & HyperCells project

An interdisciplinary project bringing together students from three universities in Wrocław. The main area of research is the activity of human cells in the stratosphere.

Project Scorpio

Scorpio projects focus on the design and development of innovative Mars rovers.

PWR Solar Boat Team

Answering the need of the city for the public water transport, this club constructs boats driven by photovoltaic panels.

FEB Business Education Forum

Their mission is to educate students' business competencies and combine the experience of business practitioners with academic knowledge.

Rapid Troopers

The focus is on innovative technologies, CAD design of machines and devices, and project management.

PWr Aerospace

The club brings together students interested in space exploration. Their creative projects consider stratospheric balloons, rockets, satellites and many others.

Scientific Club of Chemists "Jeż"

The club supports and conducts scientific and research work as well as disseminates knowledge in the field of chemistry and other natural sciences.

PWR Racing Team

One of the best teams in the world when it comes to creating a new racing car each year.

SAPer

A group of enthusiasts wishing to learn about SAP solutions and the specificity of implementation projects.

Things you have to know about Wroclaw's labour market

67

Talent Pool

With more than 1,200,000 inhabitants in the metropolitan area, Wroclaw is the largest socioeconomic centre in southwestern Poland. This number is also predicted to stay almost unchanged in the next 30 years, thanks to the constant inflow of new inhabitants.

Foreign languages

Education First in 2019 ranked Poland 11th out of 100 countries in the world in terms of English proficiency. As far as language command in Wroclaw is concerned, nearly 100% of students speak English. Moreover, there are more than 30 foreign languages spoken in the business service centres in the city.

Universities

108,000 students at 28 universities, with 26,400 graduates annually, make Wroclaw the 3rd largest academic centre in Poland. Strong faculties in the fields of engineering, ICT, F&A and linguistic are the perfect source of employees.

Attractive to foreigners

There were over 60,600 foreigners working on employment contracts in Lower Silesia in 2019, which is the 3rd largest number in Poland. The number is also steadily growing. In years 2015-2019 number of work permits issued to foreigners from outside the EU stood at respectively 3,388, 10,880, 12,284, 19,158 and 23,907.

Dynamic economic growth

In the years 2006-2016, the City of Wroclaw's GDP per capita has doubled, while the GDP per capita of the surrounding counties has grown by 125%, from PLN 22,300 to PLN 50,600. It was the fastest growing subregion in Poland at this time.

Falling unemployment

The unemployment level in the City of Wroclaw fell from 5.5% in 2010 to 1.7% in November 2019. Whereas in the Lower Silesia Region the unemployment rate amounted to 4.5% in the same period of time.

Salaries /

Gross monthly salary level in EUR (EUR 1 = PLN 4.5) for selected positions (Source: Hays Salary Survey 2021)

General Ledger in SSC/BPO

| Role | Salary € / month |
|-------------------|------------------|
| Junior Accountant | 950 – 1,100 |
| Accountant | 1,200 – 1,650 |
| Senior Accountant | 1,650 – 2,200 |
| Team Leader | 2,200 – 3,550 |
| Process Manager | 3,550 – 4,450 |

Supply Chain (Logistics, Planning, etc.) in SSC/BPO

| Role | Salary € / month |
|-------------------|------------------|
| Junior Specialist | 1,050 – 1,300 |
| Specialist | 1,300 – 1,600 |
| Senior Specialist | 1,600 – 2,000 |
| Team Leader | 2,200 – 3,100 |
| Process Manager | 3,350 – 4,200 |

Software Development

| Role | Salary € / month |
|------------------------|------------------|
| C/C++ Junior Developer | 1,350 – 2,000 |
| C/C++ Developer | 2,000 – 4,000 |
| C/C++ Senior Developer | 2,650 – 5,150 |
| C/C++ Team Leader | 3,100 – 5,350 |
| Java Junior Developer | 1,800 – 2,450 |
| Java Developer | 2,650 – 3,550 |
| Java Senior Developer | 3,550 – 4,650 |
| Java Team Leader | 4,200 – 5,350 |

Manufacturing Plant

| Role | Salary € / month |
|-------------------------------|------------------|
| Plant Manager | 5,550 – 8,900 |
| Production Manager | 3,350 – 5,100 |
| Shift Leader (Mistrz) | 1,550 – 2,200 |
| Quality Process Engineer | 1,550 – 2,200 |
| Production / Process Engineer | 1,450 – 2,200 |

Manufacturing Plant

| Role | Salary € / month |
|-----------------------------|------------------|
| Lean Manufacturing Engineer | 1,900 – 2,450 |
| R&D Engineer | 2,200 - 3,100 |
| Purchasing Specialist | 1,550 – 2,200 |
| Logistics Specialist | 1,350 – 2,000 |
| HR Specialist | 1,100 – 2,000 |

IT Support / Helpdesk

| Role | Salary € / month |
|--|------------------|
| 1st Line Support | 900 – 1,100 |
| 2nd Line Support (1 – 3 years of experience) | 1,200 - 1,800 |
| 2nd Line Support (3 – 5 years of experience) | 1,800 – 2,650 |
| 3nd Line Support | 2,450 – 3,100 |
| Team Leader | 2,450 – 3,100 |
| Service Desk Manager | 2,900 - 4,000 |

All salaries – gross





Bonuses & benefits offered by companies in Wroclaw (€/month)



Private medical care



15€ Sports card

















BLUE-COLLAR WORKERS (€/month)









in to

of salarv Monthly performance bonus





WHITE-COLLAR WORKERS (€/month)





15€ Company laptop



Financial bonus (annual)

salary



monthly



Labour market: Numbers to know

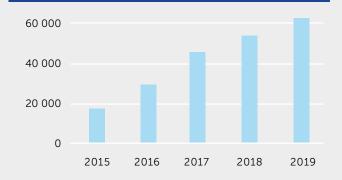




LABOUR MARKET



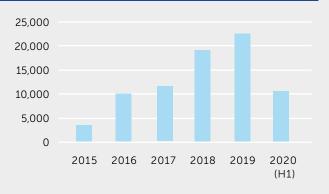
Number of foreigners on employment contracts in Lower Silesia



Net migration into Wroclaw city and Wroclaw subregion (migrations for permanent residence)



Number of work permits for foreigners from outside of EU in Lower Silesia



Employers' national insurance contributions

| National insurance | Employer's contribution for salary up to EUR 33,244 | Employer's contribution above EUR 33,244 |
|----------------------------|---|--|
| Pension | 9.76% | - |
| Annunity | 6.50% | - |
| Sickness | - | - |
| Injury | 0.67-3.33% | 0.40-3.60% |
| Unemployment | 2.45% | 2.45% |
| Employee Guaranted Fund | 0.10% | 0.10% |
| Health | - | - |



Wroclaw

52

parks in Wroclaw. The eco-friendly side of Wroclaw is also reflected in the expanded City Bike System.

5,200,000

i ii ii

participants in the European Capital of Culture 2016 projects. 170,000 people were engaged in the preparation of 2,000 projects.

20

bridges, footbridges, f underground passage considered the Ver



years old UNESCO historical complex -Centennial Hall.

much more than business

dwarves live in the city. It is a symbol of the artistic and social movement "Orange Alternative" and a huge tourist attraction.

184,000

cubic metres of Africa inside the Wroclaw ZOO attraction - Africarium.

00

flyovers, tunnels, and es - Wroclaw is often nice of the North.



spectators supporting Śląsk Wrocław - the local football club. ii ii i

Setting up a business

The vast majority of Polish laws are codified and the legal system is based on continental European civil law principles. Poland is still improving the country's business climate, simplifying legislation and introducing the digitalisation of procedures.

/ Doing business in Poland

To start a new company or expand an existing business into another country, an investor needs to know the rules that apply to this new territory. Setting up a business in Poland is a straightforward process and procedures are based on a transparent system that seeks to facilitate the incorporation of new enterprises.

Key regulations

A foreign investor intending to start business activity in Poland, depending on the type of company, should consider the following regulations:

- The Commercial Companies Code
- The Civil Code
- The Entrepreneurs' Law

| Most popular forms of business activity of foreign investors – comparison of main aspects | | | | | |
|---|--|---|--|---|---|
| | Limited liability company | Joint stock company | Limited partnership | Limited join stock partnership | Branch of foreign entity |
| Purpose | To conduct business as well as any legally permissible purpose | To conduct business on a large scale | To conduct business under its own name | To conduct business on a smaller scale (i.e. large family business) | To only conduct business in the scope of the foreign com- pany's activities. |

Limited liability company

A limited liability company is the most attractive and the most common legal form for foreign investors conducting business in Poland. Therefore, the following explanations will focus on the LLCs.

The biggest advantages of an LLC in comparison with other legal forms in Poland are:

- relatively low costs of incorporation of the company and low operational costs, limited liability and low minimum share capital
- the company may start business activities immediately after signing the articles of association
- fast registration process at the court
- clear and simple rules in relation to the daily management of the company
- shareholders are not personally liable for corporate liabilities but are compelled to pay the share capital
- minimum founding capital only PLN 5,000

| Timeline and steps needed to establish a limited liability company in Poland | | | | | | | | |
|--|--------|--------|--------|--------|--------|--------|--------|--------|
| | Week 1 | Week 2 | Week 3 | Week 4 | Week 5 | Week 6 | Week 7 | Week 8 |
| Preparation Collection of documents Preparation of documents and attachments Signing documents Translation of documents | | | | | | | | |
| Notary Signing the articles of association | | | | | | | | |
| Application Preparation of application | | | | | | | | |
| Registration process Submission of the documents: • KRS Forms (Court) • REGON Form (Statistical Office) • NIP Form (Tax Office) • VAT registration (Tax Office) | | | | | | | | |

JP Weber

Taxes

 Corporate Income Tax (CIT)

 19%
 9%*
 20%
 5%**

 income of the capital companies and the limited joint-stock partnerships
 withholding tax on non-resident's income earned in Poland on certain types
 income concerning intellectual property which will be created, developed or upgraded by a

* Small taxpayers (whose gross income did not excess EUR 2.0M in a year) or taxpayers commencing business activities.

** Income concerning license agreements, sale of IP, sale of products with IP or compensation from infringement rights of IP

| 17% | 32% | 19% | 20% | Exempt |
|--------------------------------------|--|---|--|--|
| • for the income up to PLN 85,528 | for the surplus over PLN 85,528 the tax-exempted amount is currently – max PLN 8,000 per year | business activity (self-employed) – after submitting the declaration on the linear taxation capital gains, interests | withholding tax on non-resident's income earned in Poland on certain types of transactions | some types of income, such as return of business trip costs expenses incurred by an employer for enhancement of qualifications of his or her employees the value of some benefits paid by an employer |

of transactions

Tax on goods and services - VAT

| 23% | 8% | 5% | 0% | Exempt |
|--|---|---|---|--|
| basic activities (all besides the below mentioned) | delivery of some goods and services specified in the Act on VAT | delivery of some goods and services specified in the Act on VAT | export of goods intra-community delivery of goods international transport | some used goodsfinancial services |

Real Estate Tax

Real estate tax rates are established individually by local law. The national law sets the maximum rate for real estate tax:

Industrial / Commercial Land

Industrial / Commercial Building

0.99 PLN/sqm annually

Structures

24.84 PLN/sqm annually

2% of the initial asset value annually

taxpayer within its R&D activity

- so-called Innovation Box

/ Incentives for investors

R&D tax relief

R&D tax relief allows taxpayers conducting Research and Development activities for an additional "deemed" deduction of up to 100% of the expenses incurred in relation with R&D activities from the taxpayers' tax base. The annual deduction of eligible expenditures cannot exceed the amount of income in a given tax year, however, the excess of tax relief available may be utilised by the taxpayer within 6 consecutive tax years. The wider catalogue of qualified costs is available to entities with the R&D centre status. R&D centres are also entitled to a deduction of up to 150% of the qualified costs incurred.



Innovation Box

Innovation Box allows a 5% tax rate (instead of the standard 19% rate) to be applied to the income derived from qualified IP rights (QIPR). This tax preference applies provided that a taxpayer conducts R&D activity related

to development, creation or improvement of a given intellectual property component. In order to benefit from the relief, the taxpayer will be obliged to separate the income from QIPR in his accounting books.



R&D tax relief & innovation box - key facts

R&D TAX RELIEF

- Easy-to-apply tax instrument for R&D activity
- Deduction of 200% of certain costs from the tax base (250% for R&D Centres)
- Benefits regardless of the company size
- Long-term tax benefit may be applied within the period of 6 consecutive tax years

INNOVATION BOX

- 5% Tax Rate for qualified income related to sale or licensing of IP rights
- Invent & Commercialise sell it in Poland and enjoy a low tax rate
- Covers most popular IP rights
- Long-term tax benefit applicable during the lifespan of the IP rights

The R&D relief can be combined with the IP BOX relief = it can bring measurable tax benefits.

The Polish Investment Zone – key facts



Benefits

Tax exemption for up to 15 years



Investment area

Any location in Poland (public and private land)



Operating body

14 Special Economic Zones (SEZ)



Evaluation criteria

Both **qualitative** and **quantitative** criteria matched with specific location conditions, must be fulfilled

Qualitative criteria

In addition to the minimal investment costs, the qualitative criteria have to be met. Industrial investments have slightly different points to be fulfilled comparing with service-based equivalents

- sustainable economic development
- sustainable social development.

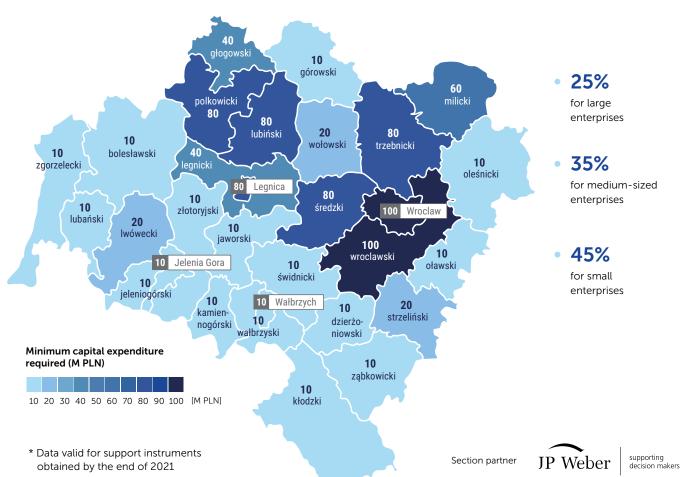
Each group has five criteria, and each of the latter has 1 point. The maximum amount of points is 10. The required minimum depends on investment location within Poland, but it is necessary to score at least 1 point in both groups.



Unemployment rate in the poviat of investment / national average <60%

| Minimum qualifying costs in million PLN | | | | | | |
|---|--------------------------------------|--|-------------------------------------|--|--|--|
| Large enterprises | Medium enterprises (80% bonus) | Small enterprises R&D/ BSS investments (95% bonus) | Micro enterprises (98% bonus) | | | |
| 100 | 20 | 5 | 2 | | | |

Max aid intensity for the Lower Silesia Voivodship is:



/ Investment process in overview

The entire investment related to the construction process can be divided into four main stages:

- Pre-design documentation development
- Development of investment projects and permits
- Construction process
- The process of obtaining the occupancy permit

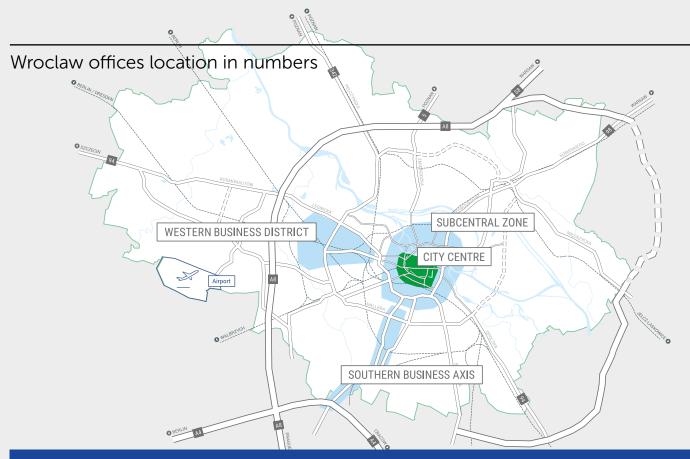
| Detailed stages of the investment process with their approximate duration | | | | | | | | | | | |
|---|------|------|------|--------|--------|--------|--------|--------|--------|--------|--------|
| Months | 1-3M | 4-6M | 7-9M | 10-12M | 13-15M | 16-18M | 19-21M | 22-24M | 25-27M | 28-30M | 31-33M |
| Analysis of the investor's needs Application for public aid instruments (depending on the type of investment) | | | | | | | | | | | |
| Real Estate purchase | | | | | | | | | | | |
| Tender for Design Company | | | | | | | | | | | |
| Design documentation preparation and the obtaining of all necessary permits | | | | | | | | | | | |
| Selection of the General Contractor and Construction Supervision Inspector (if required) | | | | | | | | | | | |
| Legal procedures prior to the commencement of construction work | | | | | | | | | | | |
| Construction works | | | | | | | | | | | |
| Partial and fade works, as well as tests and start-ups of the process installations | | | | | | | | | | | |
| Usage permit | | | | | | | | | | | |

Office market

in mu

Wroclaw, with a total existing modern office space amounting to 1.24 million sqm, is the second largest regional office market in Poland in terms of the total stock. The market is constantly growing thanks to numerous global companies and strong Polish players.

SAMSUNG



Major business locations in Wroclaw

| | City Centre | Subcentral Zone | Western Business District | Southern Business Axis |
|--------------------------------|-------------|-----------------|------------------------------|------------------------|
| Total stock (sqm) | 210,000 | 337,000 | 442,500 | 131,300 |
| Vacancy rate (%) | 13.9 | 12.4 | 16.3 | 14.4 |
| Space under construction (sqm) | 52,600 | 15,400 | 15,400 | 53,000 |

| Selected buildings under construction | | | | | | |
|---|------------------------|-----------------|--------------------|--|--|--|
| Building name | Location | Completion date | Office space (sqm) | | | |
| Mid Point 71 Powstańców Śląskich Street | Southern Business Axis | Q4 2021 | 36,900 | | | |
| Infinity Nabycińska Street | City Centre | Q1 2023 | 22,000 | | | |
| Quorum Office Park D Sikorskiego Street | Subcentral Zone | Q2 2022 | 15,400 | | | |
| Brama Oławska Oławska Street | City Centre | Q2 2022 | 14,000 | | | |
| Wielka 27 Wielka Street | Southern Business Axis | Q2 2022 | 9,200 | | | |





Investment market

Despite the prevailing COVID-19 pandemic and its enormous impact on the global economy, the year 2020 has been closed with a good result exceeding 5.3 billion euro. The real estate market is doing relatively well and the investors' appetite and foreign funds remains high. Transaction volume achieved at the beginning of 2021 reflects the good situation on the commercial market and sector's resilience to further restrictions and economic turbulences resulting from the coronavirus pandemic.

Within the first three months of 2021 the investment volume reached EUR 1.3bn and the highest results were noted in office and industrial sectors where investors' strategies remained stable, based on a profit and low risk.

This is in no small way due to the development of the e-commerce market, which has grown even stronger in COVID-19 pandemic times, coupled with changing investor sentiments, with retail having fallen out of favour with many investors.

The current global economic situation caused by the pandemic has a significant impact on the level of yields achieved on the market. Currently, yields for office assets located in major regional markets such as Wroclaw, Krakow or Tricity fluctuate between 5.75%- 6.75%. Between 2019-Q1 2021, investors allocated over

Trends in the office market

Modern workspace

As the pandemic continues tenants introduce new solutions to improve safety in the workplace as well as put on emphasis on employee's well-being and meeting their needs.

Knight Frank conducted a survey among over 370 tenants worldwide which confirmed that office will remain a significant part of strategy for the majority of companies. However, the survey shows the evolution of the approach to office space. According to the research, modern office space will be focused on safety, sustainability and smart technologies.

Simultaneously, the changes in the workspace will result in changes in work models. The most popular among surveyed tenants remain hybrid model. However, some companies choose to go a step further and they enable

Office market - key figures

1.24 M sqm

Office stock



138,700 sqm

Average annual take-up within 2018-2020



112,000 sqm



Net absorption in 2020

14.3 % Vacancy rate

Supply under construction planned to delivery in 2021-2022

EUR 775 M in Wroclaw, which gave the city 1st place among regional cities (the 2nd biggest regional hub is Krakow with volume exceeding EUR 710 M in the same period).

their employees to work from any place. The third emerging model – hub and spoke – assumes one central office and satellite locations for employees.

Flexible terms

Due to changing needs of the employees, tenants need to find optimal solutions for their workspace strategy. Facing new challenges tenants may consider using coworking office which offers flexible lease terms and allows to adjust needs on the spot. However, in larger organisations it may not bring expected results, some landlords prepared new office concepts opposite to strict lease conditions used before pandemic.

To face new reality some investors introduced the possibility of short-term lease of space, where the subject of the lease is a ready-to-enter space with flexible management of lease terms.



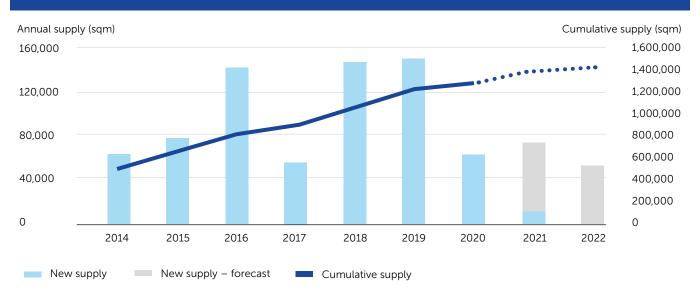
Existing stock

At the end of June 2021, the total office stock in Wroclaw reached 1.24M sqm, placing it the second largest office hub among regional markets. Approximately 17% of existing stock is located in historical part of town, while another 27% in Subcentral Zone. Further business zones are the Western Business District (approximately 36% of total stock) and the area along the Southern Business Axis (approximately 11% of the existing supply), while the remaining 9% of office space is located outside the above-mentioned concentration areas. In 2018 and 2019 the office market in Wroclaw saw aphase of dynamic growth. After exceptionally high developeractivity in previous years it slightly weakened in the capital of Lower Silesia in 2020 and the trend continued in the first half of 2021.

Supply

In H1 2021, only one new project was completed. However, the volume of supply under construction remains on a stable level - at the end of June 2021 almost 140,000 sqm was at the stage of development. If developers follow their schedules, approximately 40% of this space will be delivered by the end of 2021.

The largest share of new supply in 2021 is to be delivered in Southern Business Axis.



Annual Office Supply in Wroclaw (in sqm)

Asking terms and conditions

Other occupancy costs

- Underground parking lots:
 EUR 65 100 per lot per month
- Utilities used in the Subject of the Lease
 according to submeters
- Internet services individual agreement
- Cleaning services individual agreement

Service charge

• Service charge in A class buildings: EUR **3.0-4.5** per sqm/month

Rental levels and rental period

- Average asking rents in A class buildings: EUR 13.00 – 16.00 per sqm/month
- Average asking rents in B class buildings: EUR 10.00 – 13.00 per sqm/month
- Standard rental period: **36 60 months**

Tenant incentives

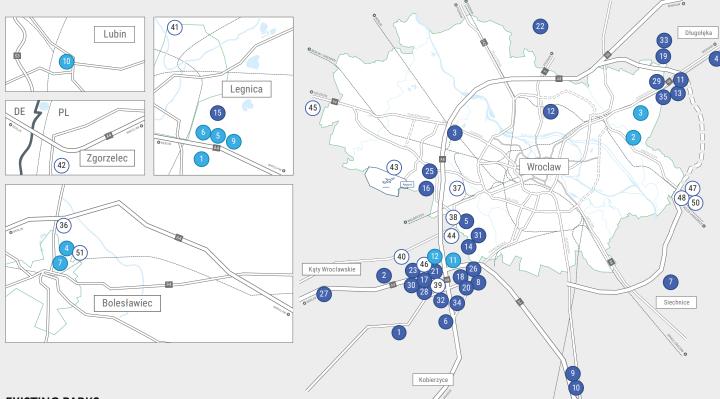
- Budget for the fit out works
- Rent free periods
- Budget for relocation
- Cash contribution



Warehouse market

Wroclaw region is currently the fourth most developed market in Poland after Warsaw Region, Silesia and Central Poland considering modern warehouse stock. So far, almost 2.59 million sqm of modern warehouse and industrial space have been delivered in the region.

Selected industrial and logistics parks in Wroclaw



EXISTING PARKS

- 1. 7R Park Wroclaw
- 2. BIK Park Wroclaw
- 3. Citylink Wrocław Stadion SBU
- 4. Eurologis Centrum Logistyczne
- 5. GLP Wrocław IV Logistics Centre
- 6. GLP Wrocław V Logistics Centre
- 7. Hillwood Wroclaw Siechnice
- 8. Hillwood Wroclaw Bielany
- 9. Hillwood Wroclaw Wschód I
- 10. Hillwood Wroclaw Wschód II
- 11. Logicor Wroclaw II
- 12. Logicor Wroclaw IV
- 13. MLP Wrocław

PARKS UNDER CONSTRUCTION **& PLANNED PROJECTS**

- 36. 7R Park Bolesławiec
- 37. 7R City Flex Airport
- 38. 7R City Flex Wroclaw I
- 39. Panattoni Park Wroclaw XII
- 40. Panattoni Park Wroclaw XIII
- 41. 7R Park Legnica
- 42. Panattoni Park Zgorzelec
- 43. Ideal Idea Park Wroclaw
- 44. MLP Wroclaw West
- 45. Panattoni Park Wroclaw West Gate

- 14. Panattoni City Logistics Wroclaw I
- 15. Panattoni Park Legnica
- **16.** Panattoni Park Wroclaw Airport
- 17. Panattoni Park Wroclaw II
- 18. Panattoni Park Wroclaw III
- 19. Panattoni Park Wroclaw V
- 20. Panattoni Park Wroclaw VII
- 21. Panattoni Park Wroclaw IX
- 22. Panattoni S5 Wroclaw North Gate (X)
- 23. Panattoni Park Wroclaw XI
- 24. Hillwood Oleśnica
- 25. Prologis Park Wroclaw III
- 26. Prologis Park Wroclaw I

27. Prologis Park Wroclaw IV

- 28. Prologis Park Wroclaw V
- 29. Segro Industrial Park Wroclaw
- 30. Segro Logistics Park Wroclaw
- 31. Segro Business Park Wroclaw
- 32. TriStar Wroclaw
- 33. VATT Invest Wroclaw
- 34. Wroclaw- Bielany Logistics Centre
- **35.** Wroclaw Business Park

EXISTING BTS PROJECTS

- **BTS Manuli Legnica** 1.
- Logicor Wroclaw I (BTS Whirpool) 2.
- 3. Logicor Wroclaw III
- 4. Panattoni BTS Bolesławiec
- 5. Panattoni BTS Faurecia II
- Panattoni BTS Gates Legnica 6.
- 7. Panattoni BTS H&M Bolesławiec
- Panattoni BTS Ideal Automotive 8. Swidnica
- Panattoni BTS Lear 9
- 10. Panattoni BTS Sanden
- Panattoni BTS Wroclaw 11.
- 12. Panattoni BTS Żabka

- 46. Mountpark Wroclaw **47.** Panattoni Park Wroclaw East
- **48.** Campus 39 Panattoni Wroclaw

- 51. Panattoni Park Bolesławiec

- 49. Hillwood Sycow
- 50. Frontier Park Wroclaw

Region overview

Wroclaw region is considered one of the most attractive warehouse and industrial destinations in Central and Eastern Europe. The region benefits from a well-developed road infrastructure including the A4 and A8 motorways and the S5 and S8 express roads.

Due to Wroclaw's location close to the Czech Republic and German borders, the region is often selected to locate distribution centres for logistics operators, retailers and e-commerce businesses, shipping their products to Western Europe. Additionally, incentives and public aid offered by Special Economic Zones as well as favourable investment climate of Wroclaw City are important location drivers for manufacturing companies, resulting in a large share of foreign direct investment in the region. In the past few years Wroclaw has become a manufacturing hub for the dynamically developing e-mobility sector, supplying the industry with electric car battery components and having attracted multiple new investors, particularly from South Korea. Wroclaw hosted 91 FDI projects between 2014-2018, which gave the city a third position in the Polish City of the Future ranking for 2019/2020, after Warsaw and Krakow.



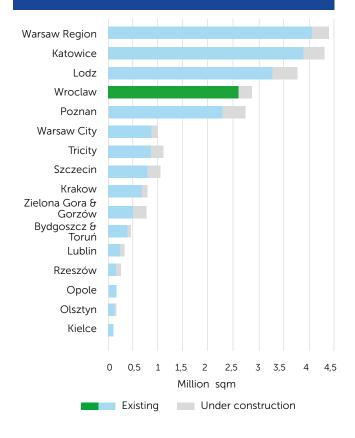
2,585,100 sqm

Total logistics and industrial stock

2.7 - 3.9 €

Headline rents per square meter



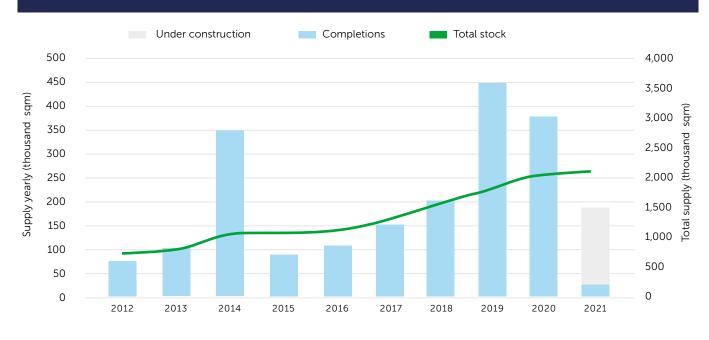


212,500 sqm

Space under construction

6.7% Vacancy rate of total stock

Industrial and logistics supply in the Wroclaw region over the years





Developers activity and new projects

Industrial developers delivered 24,700 sqm of new space in the region during the first quarter of 2021. The largest completion in the region in the past year was S5 Wroclaw North Gate II, with 13,800 sqm of modern warehouse space delivered. Additionally, only one another project was completed in 2021– 7R City Flex Wroclaw II with 10,900 sqm.

The Wroclaw industrial and logistics real estate market has grown by 7% in a year (since the end of Q1 2020 up until Q1 2021). Currently 212,500 sqm of modern warehouse space are under construction. 54% of this space (approximately 114,000 sqm) is not secured by prelease agreements and will be available within the next few months.

Developers exhibit a more cautious approach these days and don't begin new constructions until a substantial prelease in a project is secured. At the same time the demand for modern warehouse space remains relatively high. Four new developments have been started in Q1 2021: Panattoni Park Zgorzelec offering 45,000 sqm of modern warehouse space, S5 Wroclaw North Gate II (X) with 27,900 sqm, 17,500 sqm in Panattoni Park Wroclaw West Gate and Prologis Park Wroclaw V with 11,900 sqm.

Rents

Despite the growing demand, headline rents remained stable in the last years and are expected to stay at the same or similar levels. Currently, prime headline rents in the region are recorded within the range of 2.70 – 3.90 EUR / sqm/ month.

Leasing activity and vacancy rate

Vacancy rate in the Wroclaw region was at an average level of 6.7% at the end of Q1 2021, and in a year-to-year perspective the rate decreased by 0.3 percentage point. The vacancy rate in the Wroclaw region is slightly higher than the average rate in Poland – 6.5% at the end of Q1 2021. The availability of vacant space is higher compared with the two preceding years, as the Wroclaw region experienced a large increase of the supply - 830,000 sqm since the beginning of 2019 – due to the then record-low vacancy rate, which has not been yet entirely absorbed by the market.

Tenants' interest in industrial and logistics space remains high. The demand for industrial and logistics space amounted to 560,400 sqm in 2020, whereas in Q1 2021 it amounted to 184,700 sqm. New lease agreements, including Built-to-Suit projects, together with expansions of existing footprints accounted for 86% of the total leasing activity registered this year in the Wroclaw region, whereas 14% of the leased space were contract renewals in Q1 2021.

The Wroclaw leasing market was dominated by 3PL operators – logistics tenants, who rented 46% of the modern space leased in 2021 YTD in the region. E-commerce business plays an important role and further growth of the sector is predicted as a consequence of the changing consumer shopping preferences. Such situation will result in a growing need for modern logistics space in both the short and long term.



Total leasing activity and vacancy rate in the Wroclaw region

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