

INDUSTRIAL PARK

euro-park ząbkowice

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Location

Location

EUROPE



POLAND



Industrial Park EURO-PARK Ząbkowice

Lower Silesia is one of the top manufacturing hubs in Poland, with the strong presence of world's leading industries: automotive, white goods, engineering, pharmaceutical and chemical. Numerous foreign companies, skilled workers and innovativeness including industry 4.0. solutions result in one of the highest levels of productivity in the country. As the interest in Lower Silesia grows, so too does the demand for well-prepared investment sites. This is especially true for the high technological industries, which expect the best quality locations for specialized facilities. In order to meet these expectations, in relation with the planned construction of the S8 expressway, the Industrial Development Agency (ARP) offers an industrial park investment area in Ząbkowice Śląskie, industrial park to be built directly next to the S8 expressway.

EURO-PARK Ząbkowice is situated just 60 km from Wrocław, boasts a total combined area of around 105 ha.

The area is located north of Ząbkowice Śląskie, by the national road No. 8. The area of EURO-PARK in Ząbkowice is currently prepared for industrial functions. A water and sewage network, as well as a 6.3 / 1.6 Mpa gas network have been stretched in its vicinity. There is also a 220 kV high-voltage power line (400 kV in the future) running through the plot itself. The attractiveness of the plot will significantly increase in the future after the construction of the S8 expressway (connecting the plot with the A4 motorway) and the extension of the second track and electrification of the railway line running near Legnica – Katowice.

Location of EURO-PARK Ząbkowice

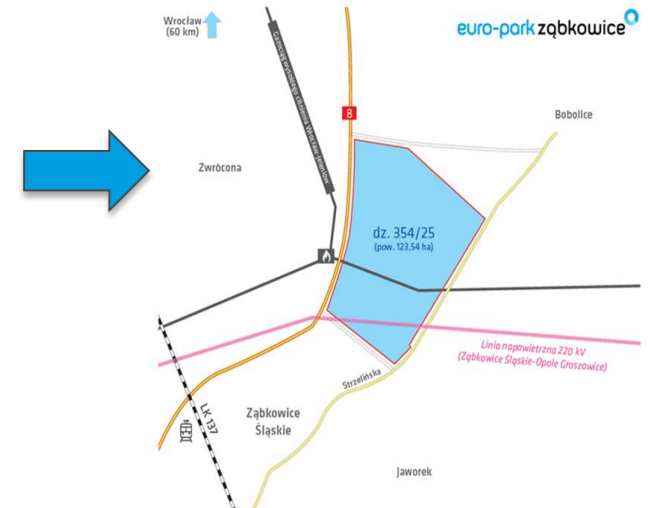
POLAND



LOWER SILESIA



EURO-PARK Ząbkowice



Lower Silesia – the location of many automotive investments

Polkowice – Volkswagen (1300), Sitech (1600), Sanden (1400)

Legnica – Lear (1400), Faurecia (1200), VOSS (1000), Toyota Boshoku (115)

Jawor – Mercedes-Benz (1100)

Jelenia Góra – Dräxlmaier (2000)

Wałbrzych – Toyota (2000), Faurecia (2700)

Wrocław – Volvo (2900); Wabco (2000)

Jelcz-Laskowice – Toyota (1000), Autoliv (1400), Faurecia (350)

Kobierzyce – LG Energy Solution (6000)

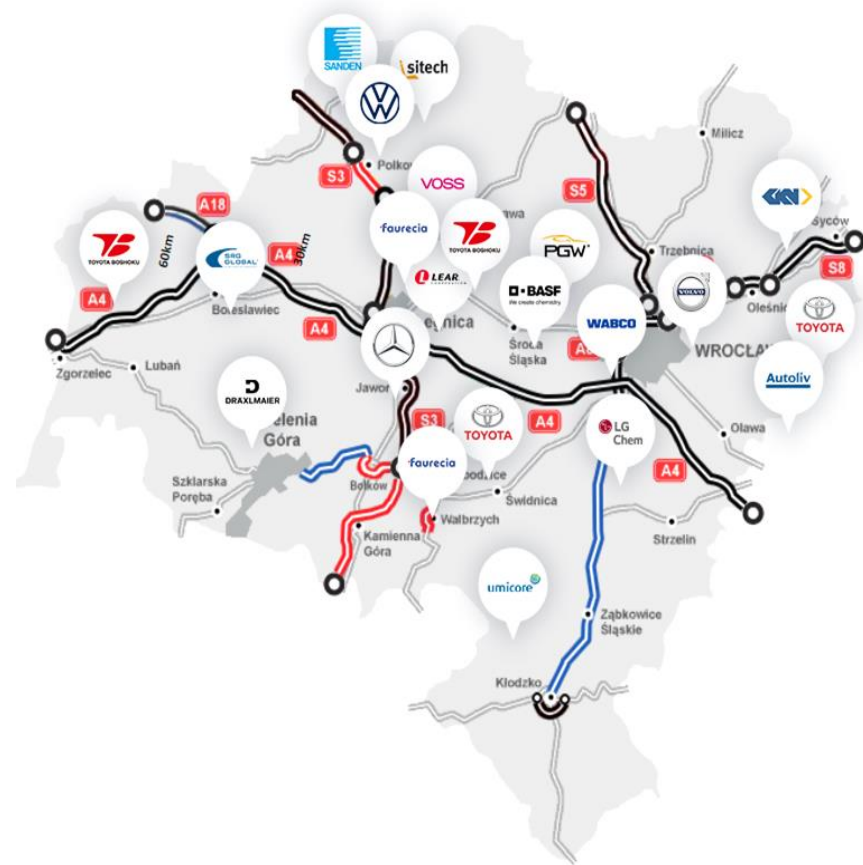
Środa Śląska – BASF (600), PGW (200)

Nowogrodzic – Toyota Boshoku (1000)

Nowa Ruda – Umicore (100)

Oleśnica – GKN Driveline (1400)

Bolesławiec – SRG Global (350)



Wrocław Region – location of large brand investments



Wrocław - home for many innovative companies



Wrocław – location for the biggest EV technology production hubs in Central & Eastern Europe

LG Energy Solution LG Innotek DST

NARA
Battery Engineering Poland

POSCO
PWPC

STARION

LG Chem Poland

kyungshin
Cable

enchem



DERKWOOD



TOP SUNEAMMY
Dong Yang Electronics

umicore

新宙邦
GAPCHEM



Wrocław – home for the largest Korean Investments in Central & Eastern Europe

 LG Energy Solution  LG Innotek 

 **NARA**
Battery Engineering Poland

 **POSCO**
PWPC

 **LG Electronics**


TOP. R&D. FAMILY
Dong Yang Electronics



 **LG Chem Poland**

 **kyungshin**
Cable

 **STARION**

 **enchem**

 **LS** Cable & System



 **DERKWOOD**

 **HEESUNG ELECTRONICS LTD.**

 **新宙邦**
CAPCHEM

 **SAMWHA**

General information

- EURO-PARK Ząbkowice is located in Ząbkowice Śląskie Powiat (powiat ząbkowicki), in **Lower Silesian Voivodeship, in south-western Poland,**
- **60 km from Wrocław (leading economic, technology and cultural center of Poland, and also one of the most rapidly growing metropolitan areas, known for its strong business focus: not only numerous big Polish companies were created here, but also foreign investors find Wrocław to be one of the best investment locations in Europe).**
- **50 km far from LG Energy Solution (Biskupice Podgórne) and EURO-PARK Kobierzyce managed by ARP S.A.**
- Ząbkowice Śląskie is situated at the intersection of two historically **important economic routes from Wrocław to Prague and from Katowice** through Kędzierzyn Koźle, Nysa along the entire Sudeckie Przedgórze, Świdnica, Jawor, Legnica, **all the way to Berlin.**
- **Public transport in the commune** is provided by external PKS, PKP and private local carriers. Due to the location of the commune on the route to popular spas all over the country (Kudowa Zdrój, Łądko Zdrój or Polanica Zdrój), a fast-track transport system towards Kłodzko and Wrocław is well developed - there are several routes a day. Buses to cities such as Łódź, Zielona Góra, Kołobrzeg, Gorzów Wielkopolski, etc. stop in Ząbkowice Śląskie. From September 1, 2020 public transport was launched in the commune.
- There is one **technical school in powiat ząbkowicki, 33 Universities and 28 technical schools in Wrocław.** As far as higher education is concerned, it is implemented for residents by the surrounding academic centers, mainly Wrocław, and to a lesser extent Wałbrzych and Opole.
- **Wrocław:** 120 000 students at 33 universities, with 31.000 graduates yearly, make Wrocław the 3rd academic center in Poland. Strong faculties in the fields of engineering, information technology, F&A or linguistic are the perfect source of employees for businesses from all sectors. **Wrocław University of Science and Technology** is the leading scientific and educational center in Poland.

Ząbkowice Śląskie - location



Ząbkowice Śląskie is located in the southern part of the Dolnośląskie Voivodeship in the district of Ząbkowice, of which they are the capital. They are about 60 km away from **Wrocław**. The city is situated in the Sudeten Foreland on the Budzówka River, which is the left tributary of the Nysa Kłodzka River. Ząbkowice Śląskie is situated at an altitude of 287 m above sea level in Przedgórze Sudeckie, and **the number of inhabitants is currently about 15 thousand. people**. In the years 1975–1998 the city administratively belonged to the province. Wałbrzych. Ząbkowice Powiat is inhabited by about 65,000 people, and it includes, apart from Ząbkowice, Śl. also the cities of Bardo, Ziębice and Złoty Stok. **Ząbkowice Śląskie is one of the oldest towns in Lower Silesia.** They have historically been associated with Poland, the Czech Republic and Germany. They are situated at the intersection of two historically significant economic routes from Wrocław to Prague and from Katowice through Kędzierzyn Koźle, Nysa along the entire Sudeckie Przedgórze, Świdnica, Jawor, Legnica, all the way to Berlin.



Road connection to investment area

S8

Expressway S8
Droga ekspresowa S8

Route information

Part of E67 E67

Length 564.9 km (351.0 mi)

Major junctions

From A4 A4 near Wrocław

- S5 S5 near Wrocław
- S11 S11 near Kępno
- S14 S14 near Pabianice
- A1 A1 near Łódź
- A2 A2 and S7 S7 near Warsaw
- S61 S61 near Ostrów Mazowiecka (planned)

To S19 S19 near Białystok

Location

Major cities Wrocław, Łódź, Warsaw, Białystok

S8 – connecting EURO – PARK Ząbkowice with A4 and Germany - planned expansion:

- road category: national
- technical class: S (express)
- design speed: 100 km / h
- lane width: 3.5 m
- emergency lane width: 2.5 m
- surface: bituminous
- accessibility to the S8 through junctions and crossings with simultaneous indication of the complete elimination of exits
- cross-section: 2 × 2 (two-lane road, two-lane road)
- permissible pavement load: 115 kN / o
- **investment schedule: 2024-2027**

A4

Autostrada A4

Route information

Part of E40 E40

Length 672.75 km (418.03 mi)

Major junctions

From 4 A4 - Polish-German Border at Görlitz-Zgorzelec

- A18 A18 near Krzyżowa
- S3 S3 near Legnica
- A8 A8 and S8 S8 near Wrocław
- A1 A1 near Gliwice
- S1 S1 near Myslowice
- S7 S7 and S52 S52 near Kraków
- S19 S19 near Rzeszów

To Polish-Ukrainian border at Korczowa-Krakovets - M10 M10

Location

Regions Lower Silesian Voivodeship
Opole Voivodeship
Silesian Voivodeship
Lesser Poland Voivodeship
Podkarpackie Voivodeship

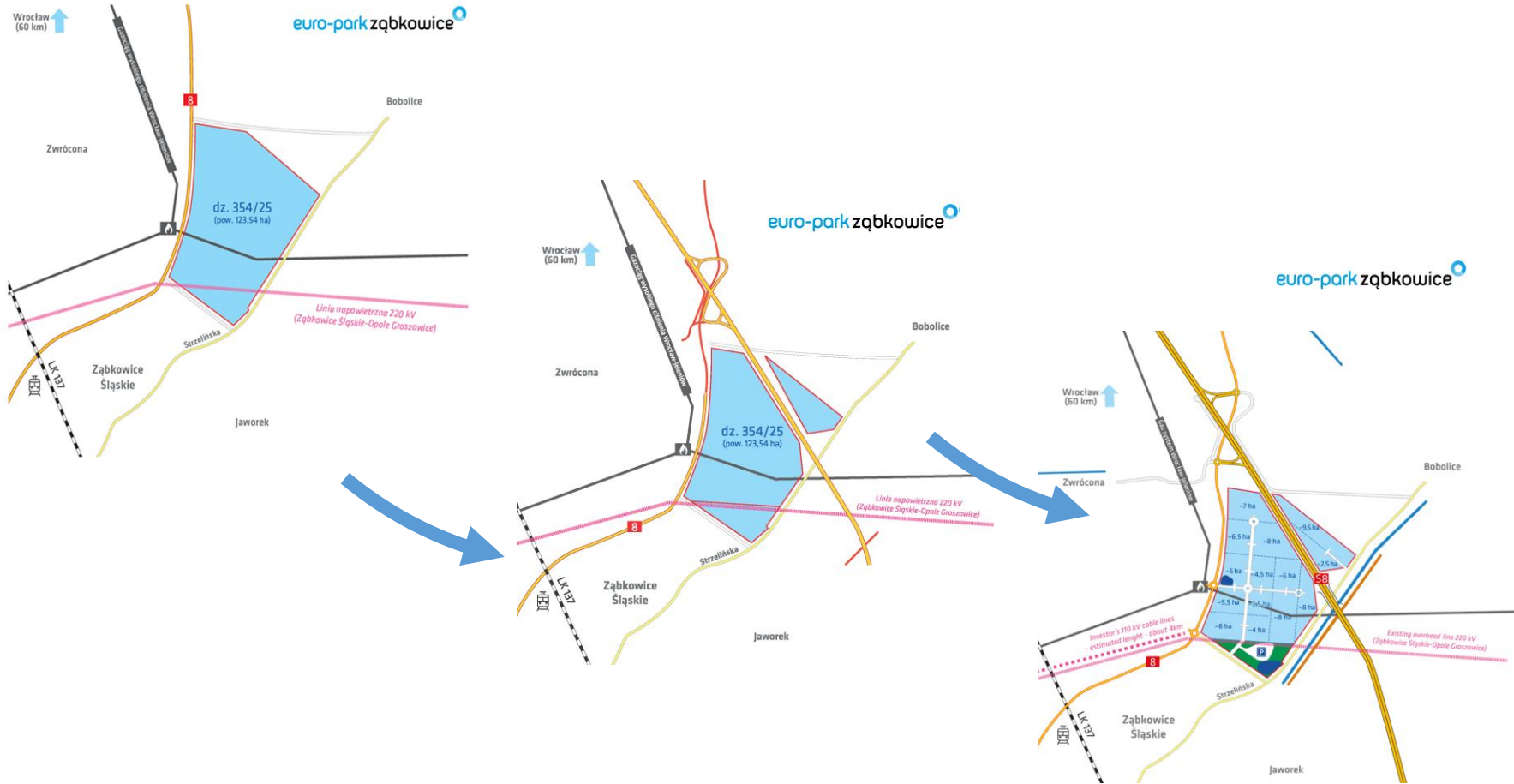
Major cities Wrocław, Gliwice, Katowice, Kraków, Rzeszów

Industrial land development

Current state of investment area - greenfield



Expected process of industrial land development



Expected final land development



Infrastructure

Roads

Currently:

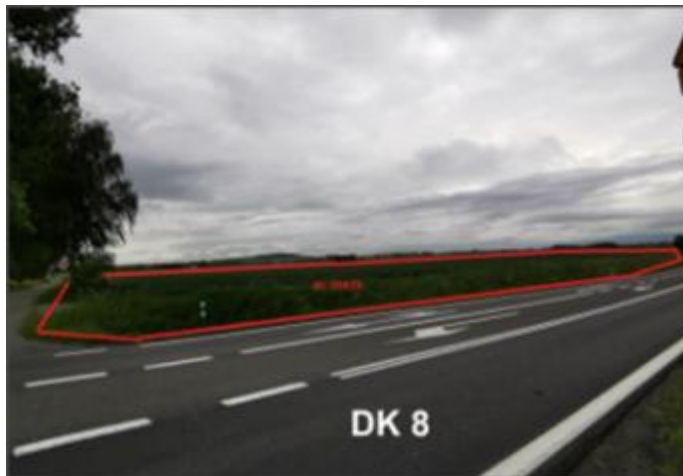
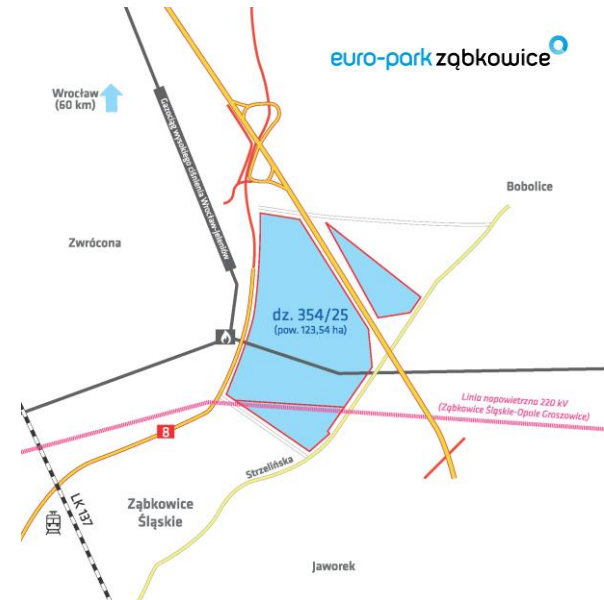
the plot borders directly on the **national road No. 8** and is located near the northern entrance to the city, from Wrocław, from which the only two-way entrance is currently located,

The northern-eastern border runs along the gravel road leading to the village of Bobolice,

The south-eastern border of the plot runs along the arranged, asphalt **municipal road at ul. Strzelińska** connecting Bobolice with Ząbkowice Śl.,

The southern border of the plot runs along the gravel road connecting DK 8 with ul. Strzelińska.

The plot is located in the vicinity of **the provincial roads no. DW 385 and DW 382.**

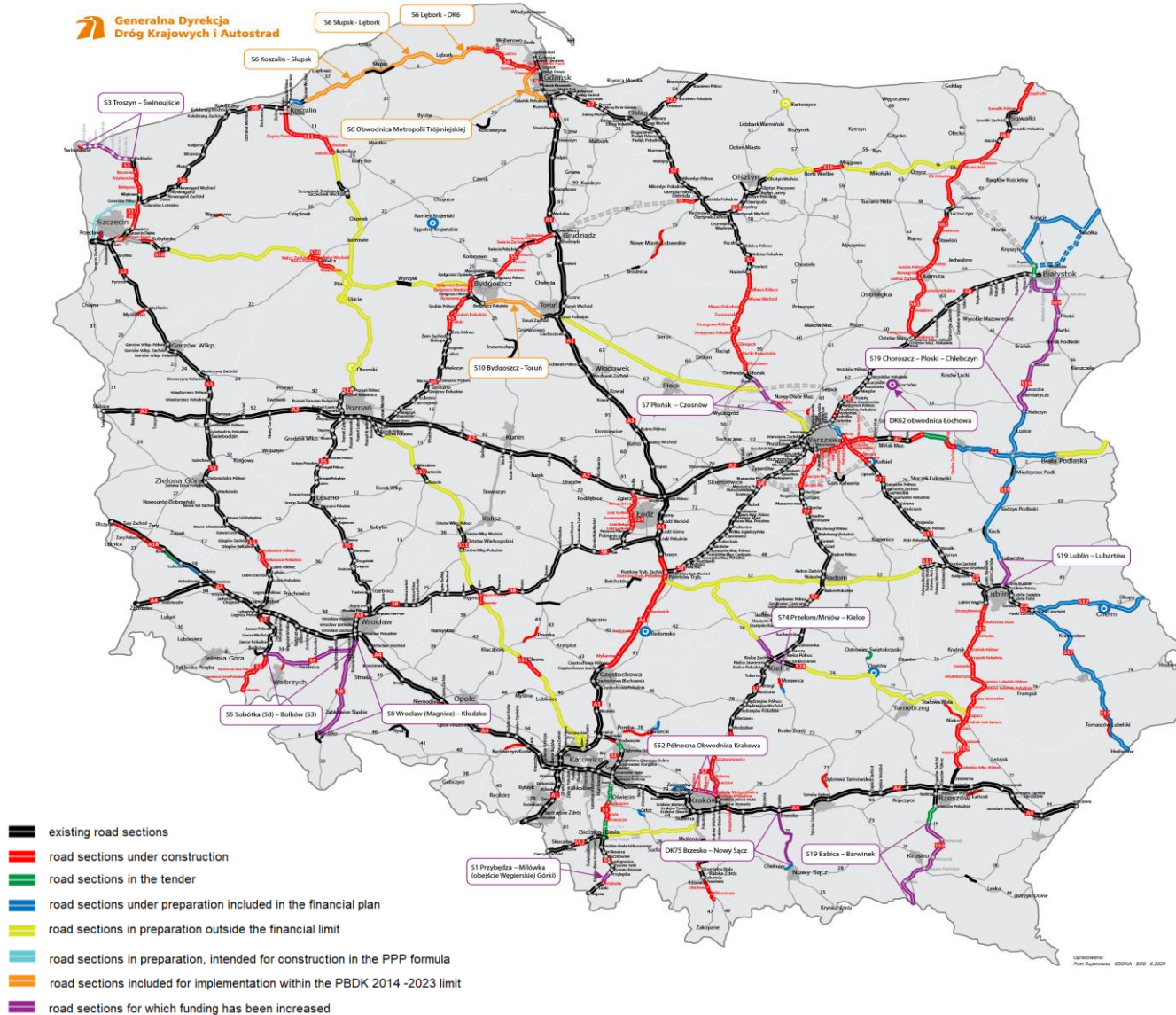


Currently, **the construction of the S8 expressway is planned (Wrocław-Kłodzko).**

The planned expressway will run directly next to the investment plot.

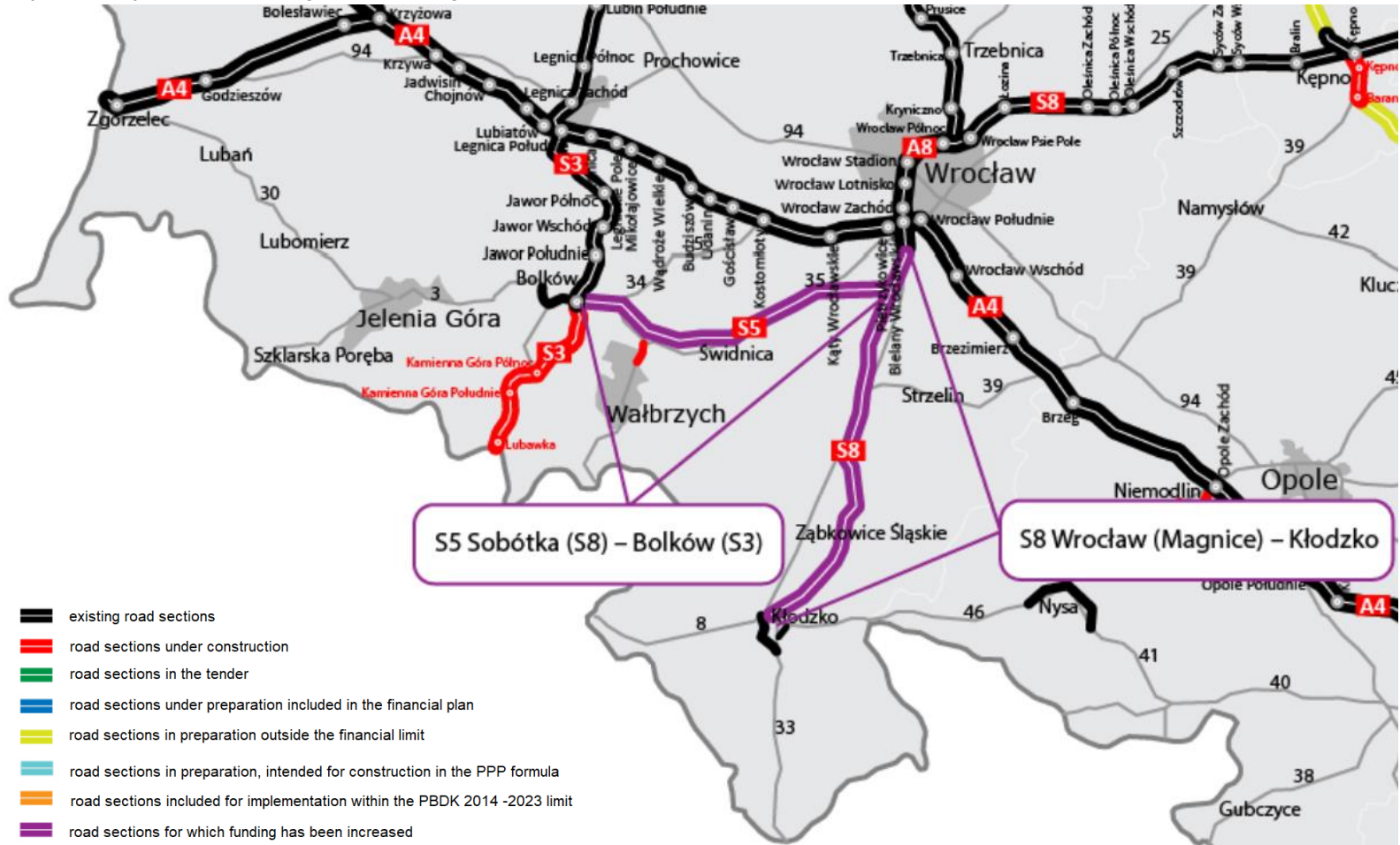
The Kłodzko-Wrocław section is scheduled to be completed in 2026.

The road layout of Poland



Planned new segment of Expressway S8

Poland's current road construction programme for 2024-2027 lists the construction of Wrocław - Kłodzko Expressway S8 next to Ząbkowice Śląskie.

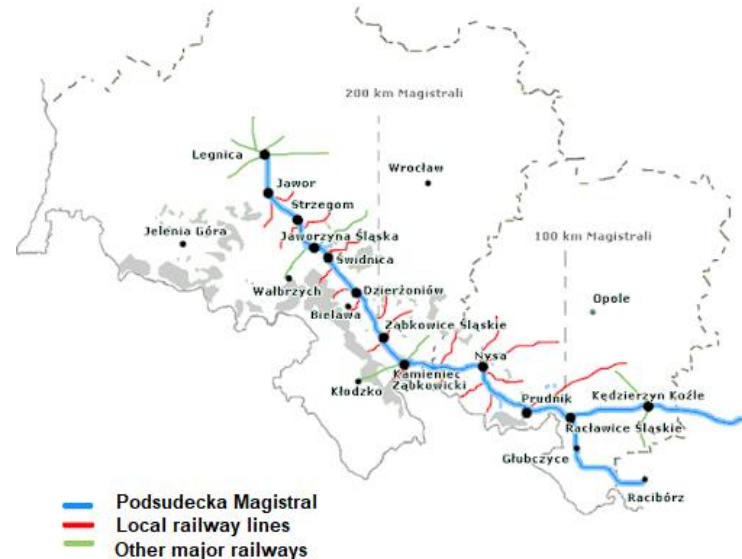


Railway lines

The single-track, **non-electrified LK 137 railway line from Legnica to Kamieniec Ząbkowicki** runs through the territory of the Ząbkowice Śląskie Commune;

The railway line No. 137 (Katowice-Legnica line) has been called the *Podsudecka Magistral*. The line runs through the attractive tourist areas of the Sudeten Foreland, connecting them with the Silesian agglomeration.

From the beginning of its existence, the line connected the industrialized cities of the Sudeten Foreland with the mines of Silesia. In the Kędzierzyn Koźle-Legnica section, railway line 137 is not an electrified line (the electrification of the railway line is planned). In section Kędzierzyn-Koźle - Katowice, the line is electrified.



Polish State Railways – Investment Planning

Ministry of Infrastructure is currently being prepared a railway line modernization plan for 2021-2030 which is included in the presented map.



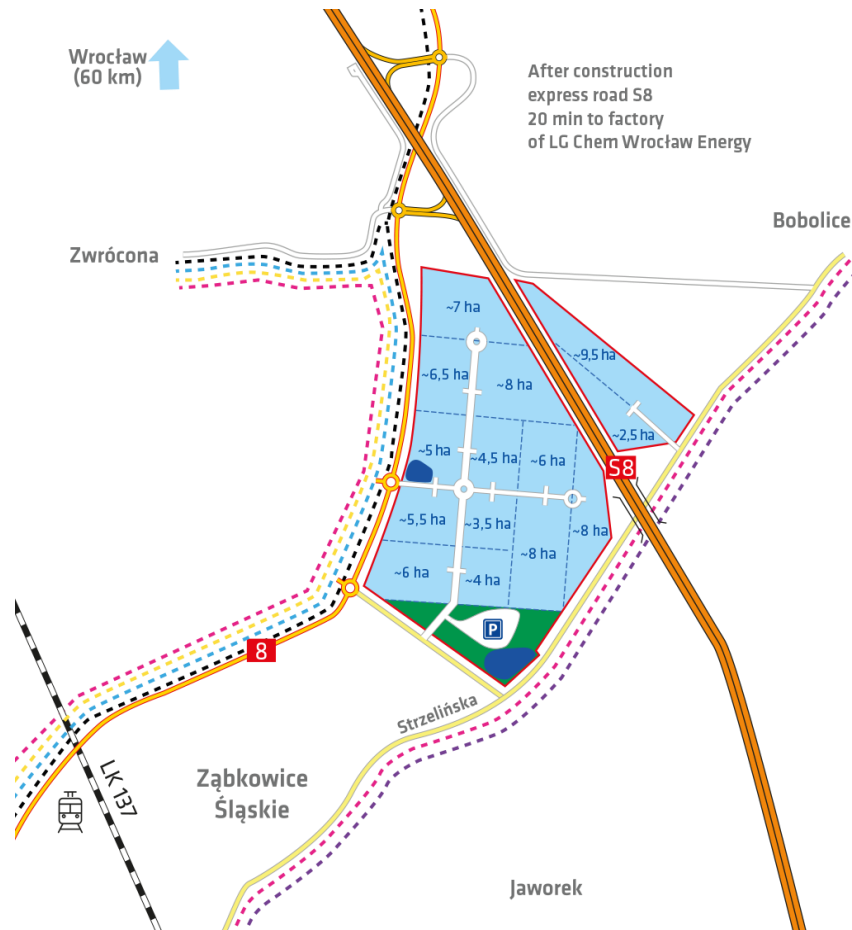
A map showing the analysing modernizations for the years 2021-2030 (the area around EURO-PARK Ząbkowice marked in red on the map)

Public transport

Ząbkowice Śląskie has a new public transportation system from the 1st of September 2020. Buses enable residents and visitors to get around the city easily. There is planned to create the bus lines that will run through the EURO-PARK Ząbkowice in the future.

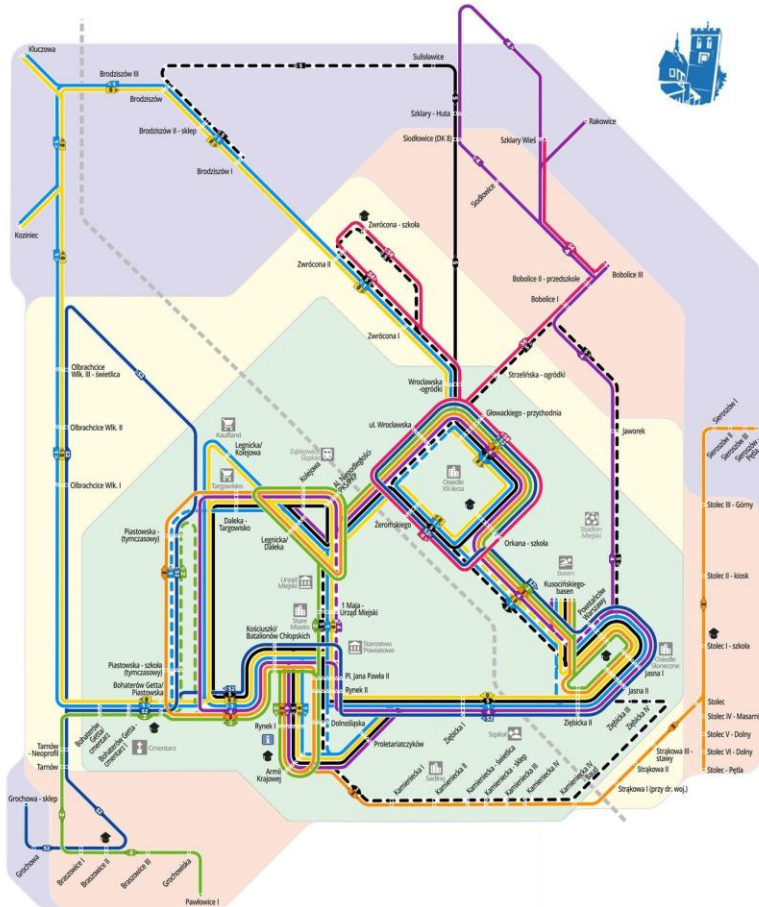
The diagram of the public transport system around EURO-PARK Ząbkowice:

- Bus Line 0
- Bus Line 1
- Bus Line 4
- Bus Line S4
- Bus Line 5



The bus of public transport

Diagram of the bus lines in Ząbkowice Śląskie



The modern, low-emission Solaris Urbino hybrid bus. They serve on routes of the new public transport to established in the municipality.

Electricity ⚡

Main Power Station: GPZ 220/110/20 kV Ząbkowice is located ca. 3,5 km far from the investment plot.

There is a 220 kV (in the future: 440 kV) high voltage line (Świebodzice- Ząbkowice Śląskie, Ząbkowice Śląskie- Groszowice) network connecting Power Station in the area (owned by PSE Operator).

GPZ 220/110/20 EV Ząbkowice



Electricity ⚡

Ząbkowice	Time to implement needed investments design & implementation	Responsible entity	Type of investment	Source of funding	The scope of the investor's participation	Approximate cost of investor's participation
•Electricity						
20 MW	About 33 months from signing the connection agreement	Tauron Dystrybucja	Construction by the operator of a new power station SE Bobolice 110 kV / SN	Tauron Dystrybucja	<ol style="list-style-type: none"> 1. Connection fee: 25% cost of basic power bay, 100% cost of back-up power bay. 2. 110 kV cable lines from Bobolice substation to investor's indoor station 	<ol style="list-style-type: none"> 1. Connection fee: 1,9 m PLN (net) 2. The cost of building cables to the SE Bobolice station is on the investor's side
40 MW	About 36 months from signing the connection agreement (+3 months as compared to the date of connection with the capacity of 20 MW)	Tauron Dystrybucja/PSE	PSE- modernization of the existing 220 kV Świebodzice - Ząbkowice overhead line. Tauron- increasing the transmission capacity of the 110 kV S-217 line from Bielawa - Świebodzice and the 110 kV line S-249 from Wiktoria – odczep Rusinowa – Nowa Ruda	Tauron Dystrybucja/PSE	No additional costs for the Investor	
60 MW	About 39 months from signing the connection agreement(+3 months as compared to the date of connection with the capacity of 40 MW)	Tauron Dystrybucja/PSE	Ut requires the expansion of the 220 kV switching station by PSE and the building over of a second 220/110 kV autotransformer in SE Ząbkowice	PSE		
80 MW	About 42 months from signing the connection agreement(+3 months as compared to the date of connection with the capacity of 60 MW)	Tauron Dystrybucja/PSE	it requires the expansion of the 220 kV switching station by PSE and the building over of a second 220/110 kV autotransformer in SE Ząbkowice	PSE		

Electricity - comments ⚡

Remark

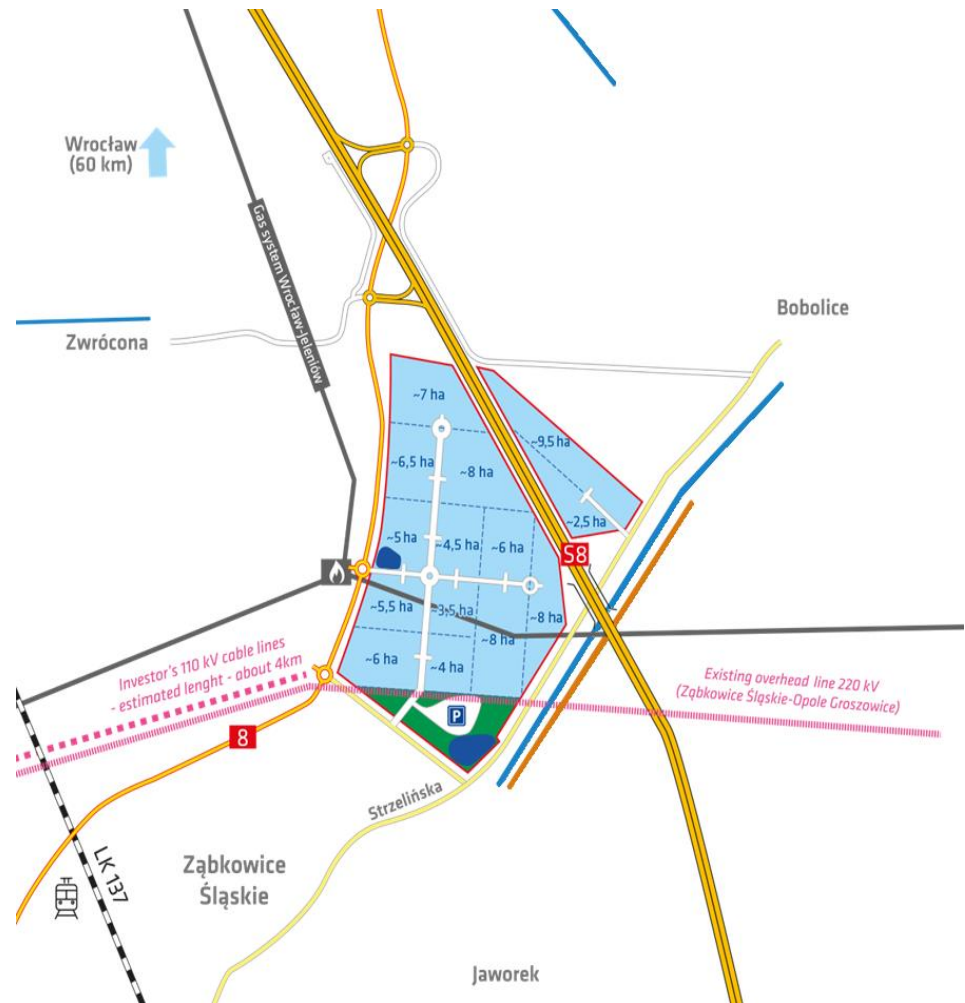
The information presented in this table does not constitute Tauron's assurance to supply energy. The data in the table is for reference only, and it will be possible to confirm them after obtaining the appropriate results from the analysis of the expert opinion on the impact of the connection on the power system.

The indicated deadlines for connection capacities of 40 MW and 60 MW and the related implementation of tasks in connection with increasing the capacity of the 220 and 110 kV lines will be implemented provided that:

- a. PSE will punctual increase the transmission capacity of 220 kV lines,
- b. confirmed by an audit of a limited scope of necessary works consisting only in the replacement of working cables with low-sag cables and the possible replacement (increase) of a single column of the 110 kV S-217 and S-249 lines,
- c. there will be no need to carry out long-term administrative or court proceedings with property owners in connection with the need to obtain consent for construction works
- d. the local governments will be active support in the process of obtaining project documentation and individual approvals (environmental and location decisions, water-legal permits, etc.).

Gas Supply System

- Directly on the opposite side of National road no. DK 8 there is a gas reduction and metering station (ZZU Zwrócona) owned by PSG (gas distribution operator) on a high-pressure gas pipeline operated by GAZ-System (Gas Transmission Operator- OGP) with a pressure of 6.3 MPa.
- Above mentioned high-pressure is connected with a distribution gas pipeline of increased medium pressure DN 250 and DN 200-PN, 1.6 Mpa.
- A detailed description of the possibilities and conditions for supplying the area with gas will be possible after obtaining the preliminary conditions for connecting the property to the gas network.
- In order to ensure gas supplies, it will be necessary to expand the gas reduction and measurement station or build a new one. An in-depth analysis must be carried out in cooperation with Gaz-System as the owner of the transmission pipeline.



Gas Supply System

Demand at the level of 2800 m³ / h:

It will be possible to connect the investment from the increased medium pressure network (0.7 MPa pressure maintained in the PSG network).

Within the area of plot no. 354/25 there are two gas pipelines DN 200mm (running along the plot 354/25) and DN 250 mm (route along the national road DK8), which can be a power source for the planned facility.

The DN 200 mm gas pipeline is qualified for modernization therefore the connection will be possible after the related works are completed.

The time of connection with the use of the DN 250 mm gas pipeline as a power source depends on obtaining all administrative decisions including the passage under the national road DK8.

In accordance with the assumptions the expected date of the task implementation should be between 16 and 18 months from the date of signing the contract between the parties.

It is possible at the moment (before the expansion of the station) to supply the planned investment with gas in the amount of approx. 1500 m³ / h.



The supply of gas in the amount of 2800 m³ / h for the Investor will be possible after the expansion of the 1st degree gas station (the station called "Zwrócona" with a capacity of Q = 8000 m³ / h) owned by the Gas Transmission Operator Gaz-System S.A. (hereinafter referred to as OGP). **The usual completion date is a minimum of 36 months from the date of signing the connection agreement between PSG and OGP in this regard**, the parties will make every effort to adapt the completion date to the Investor's requirements however this requires additional arrangements between the Investor, PSG and GazSystem.

Transfer of the gas pipeline

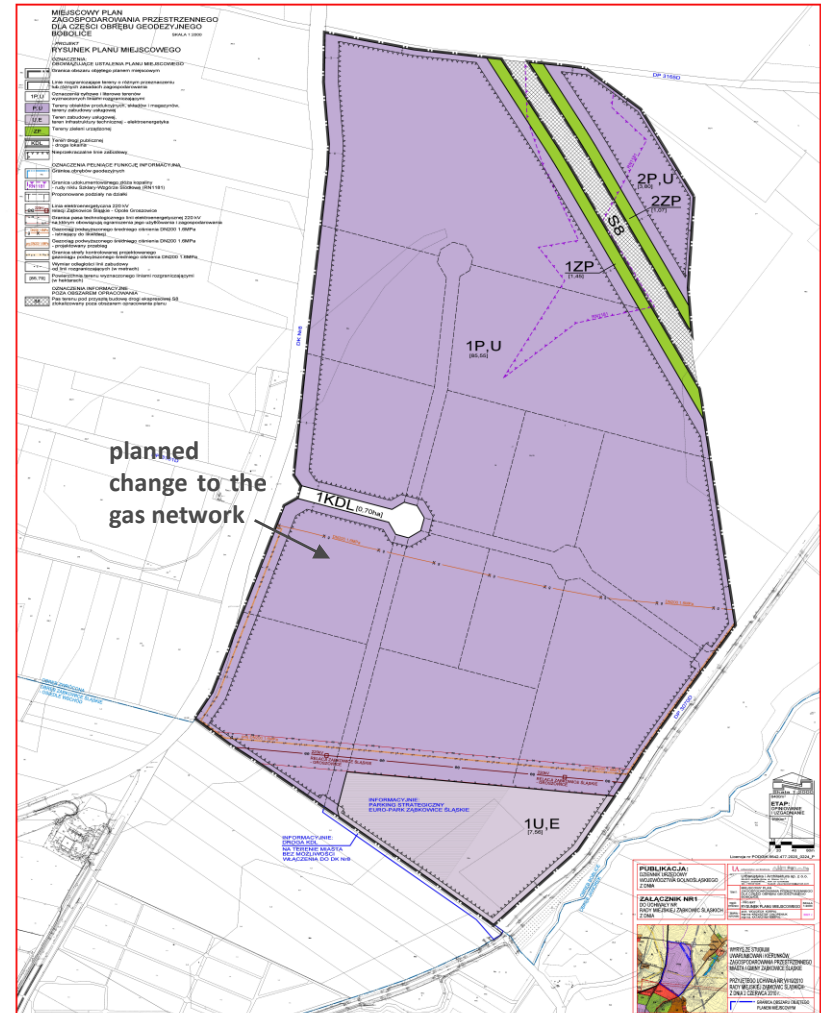
According to the information from Polska Spółka Gazownictwa sp. z o. o. Oddział Zakład Gazowniczy in Wrocław (hereinafter referred to as PSG) it is possible to reconstruct the gas pipelines running through the plot no. 354/25 Bobolice district in Ząbkowice Śląskie:

The **DN 200 gas pipeline** will be rebuilt as part of the modernization planned by PSG (at the cost and efforts of PSG) taking into account the route proposed by the operator of EURO-PARK Ząbkowice. Therefore a new section of the gas pipeline with a diameter of DN 250 will be built:

- the controlled zone for a new section of the increased medium pressure gas pipeline DN 250 PN, 1.6 Mpa will be 2 m (1 m from the gas pipeline axis)
- the minimum distance of the new gas pipeline from the existing poles of the overhead power line is 10 m
- after the construction of a new section of the DN 250 gas pipeline, the existing DN 200 PN 1.6 Mpa gas pipeline running through plot 354/25 will be shut down

The expected date of the task is approximately 24 months from the formal signing of the agreement by the parties to the agreement.

- **The dn 160 gas pipeline** may be rebuilt after PSG issues the technical conditions to the Investor at the Investor's cost and effort after concluding an appropriate agreement (the estimated cost of the reconstruction shouldn't exceed PLN 0.8 million).



Water Supply system and sanitary sawage

EURO-PARK Ząbkowice at the moment can be connected to **the water supply network** running along its south-eastern part - the district road Ząbkowice Śląskie - Bobolice, in terms of providing water for social and living purposes.

The property in question may also be currently connected to **the sanitary sewage system**, which also runs along its south-eastern part - the district road Ząbkowice Śląskie - Bobolice. At the moment, it is possible to connect the plot to the network, discharging social and household sewage.

Both the supply of water and the collection of sewage are limited by the water intake, technical infrastructure within the property and the sewage treatment plant in Ząbkowice Śląskie.



Sanitary sewerage and water supply network

Availability of water and sewage system in the vicinity of the property EURO-PARK Ząbkowice. Water intake capacity:

The name of the water intake	water intake capacity	water demand	reserve
Ząbkowice Śląskie	approx 6000 m ³ /24h	approx 3000 m ³ /24h	approx 3000 m ³ /24h
Szklary Huta	approx 240 m ³ /24h	approx 140 m ³ /24h	approx 100 m ³ /24h
Brodziszów	approx 300 m ³ /24h	approx 140 m ³ /24h	approx 160 m ³ /24h
Olbrachcice Wielkie	approx 4000 m ³ /24h	0 m ³ /24h	approx 4000 m ³ /24h

the data was obtained on the basis of issued water-law decisions. About information on the water intake in Olbrachcice - it is necessary to carry out appropriate tests and analyzes, because at present the water intake is closed

The water company PWiK Delfin Sp. z o.o. began conducting research and analysis aimed at guaranteeing the supply of water in a specific amount and in the time range expected by the Investor. In the near future, on the basis of ongoing research, the water company will be able to comment on ensuring that the demand for water is ensured. For the needs of those interested, PWiK Delfin has also started works aimed at locating the water intake in the immediate vicinity to the real estate (intended for EURO-PARK Ząbkowice), dedicated for the industry, in the amount meeting the Investor's needs. Nevertheless, also in this case, all final declarations can be made after the completion of the research.

Information on sewage collection: in the immediate vicinity of the property there is a pressurized sewer with a diameter of 90 mm. In order to collect the estimated amount of sewage, a new sewage collector should be built approx. 500 mm. And 5 km long. **The capacity of the current sewage treatment plant is approx. 2500 m³ / day.** The water company plans to modernize the existing wastewater treatment plant with its extension in order to accept sewage of estimated amounts. The sewage treatment plant in Ząbkowice Śląskie is located approx. 4.5 - 5.0 km from the property.

Water supply network

As for the potential possibility of water supply in the amount of **up to 6,500 m³ / day**, a solution using water intakes in Kamieniec Ząbkowicki is proposed. The use of the intake in question would require the construction of approximately 12-15 km of a water supply network with a diameter of 400 mm and several pressure boosting stations, and the modernization of the existing water intake itself in Kamieniec Ząbkowicki.

Both the modernization of the intake and the execution of the connection network can be completed within 30 months, provided that all required approvals, permits and decisions are obtained. The assumed schedule provides for the design and obtaining of permits, decisions and approvals - approximately 18 months, implementation of the task - approximately 10 months, commissioning of the network with acceptance and testing - approximately 2 months.

In the case of lower demand, water supply from the currently closed water intake in Olbrachcice Wielkie can be considered. Supplying water from this intake would require modernization of the intake itself and the water treatment plant. Additionally, approximately 5 km of a connection network with a diameter of 400 mm with at least one pressure boosting station should be built. Both the modernization of the intake and the water treatment station as well as the construction of the connection network can be completed within 30 months. As before: documentation with permits and decisions - 18 months, implementation about 10 months, acceptance and start-up - about 2 months.



Industrial wastewater disposal

In terms of the possibility of collecting industrial wastewater in the amount exceeding 7,000 m³ / day, it would be necessary to build a new sewage treatment plant dedicated to EURO-PARK Ząbkowice for the needs of industry.

For the construction of a new treatment plant, design procedures would have to be carried out, as a result of which all agreements, permits and decisions would be obtained.

The estimated time to prepare such documentation is about 18 months. After obtaining the building permits, the time to complete the task, assuming an uncomplicated sewage treatment technology, allows for the possibility of its commissioning within 12 months. In order to discharge treated water from the treatment plant, a sewage collector of 800 mm in diameter, up to 2 km long, should be constructed in order to introduce purified water into the Trzemeszno stream.



Average quality parameters of the water supplied to the water supply network 

Indicator	Average	Standard	Unit
turbidity	0,17	≤ 1	NTU
color	< 5	≤ 15	mgPt/dm ³
ammonium ion	< 0,04	< 0,5	mgNH ₄ /dm ³
pH	7,1	6,5 – 9,5	ph
iron	< 30	≤ 200	ugFe/dm ³
manganese	< 20	≤ 50	ugMn/dm ³
chlorine	< 0,04	0,3	mgCl ₂ /dm ³
nitrites	< 0,015	≤ 0,5	mgNO ₂ /dm ³
nitrates	7,5	≤ 50	mgNO ₃ /dm ³
proper conductivity	818	≤ 2500	uS/cm
hardness	398	60-500	mgCaCO ₃ /dm ³

Rainwater drainage system

- The left-bank tributary of the Nysa Kłodzka river - Budzówka drains the entire central and southern part of the commune;
- There is a drainage network on plot 354/25, the approximate range and location of the outlets are marked on the map
- In the vicinity of the plot, there are two watercourses administered by the State Water Holding „Polskie Wody”: the Zatoka stream and the Trzemeszna stream.
- **the technical solution of the plot drainage method and rainwater and snowmelt drainage requires the arrangements with the Nadzór Wodny based in Ząbkowice Śląskie**
- **The amount of water discharged from the plot may only be equal to the amount corresponding to the natural surface runoff from the site before the investment, the remaining excess rainwater must be intercepted and temporarily retained (e.g. in retention reservoirs).** The discharged rainwater and meltwater should be previously cleaned in settling tanks and separators.
- **Unit volume of retention reservoirs: 206,7 m³ for each ha of catchment area** (calculation of the retention reservoirs based on overflow useful volume were conducted of catchment development of 80-90% sealing surface)*
- In accordance to the Water Law Act, **a water permit is required** for the construction of water facilities as well as for water services, ie discharge into water or water facilities - rainwater or snowmelt.



The photovoltaics

EURO-PARK Ząbkowice:

- Already today, it can draw energy via GPZ Ząbkowice connected directly to the Kamieniec GPZ from the existing hydropower plant on the Topola reservoir with an installed capacity of 2.8 MW, two photovoltaic power plants with a capacity of approx. 2 MW each, located near the town of Topola and two biogas plants in the area the commune of Ząbkowice Śl. and Kamieniec Ząbkowicki.

- In the coming years, another Kamieniec storage reservoir on the Nysa Kłodzka River will be built in the Kamieniec Ząbkowicki commune - along with a hydropower plant with a capacity of 4.6 MW (investment of the Polish government). There is also planned to build photovoltaic farms with a capacity of up to 200 MW (located on approx. 500 ha of prepared areas of mine and unused pastures).

Possible connection of the plant by the Polish Energy Law may take place through TAURON, which already has the above-mentioned infrastructure, and commences the construction of a new GPZ dedicated to OZE in connection with the construction of the above-mentioned reservoir and Kamieniec power plant.



Topola reservoir



Year of commissioning	2003
Km/River	93+814 / Nysa Kłodzka
Place	Topola
Voivodeship/Powiat	dolnośląskie / ząbkowicki
Tank capacity at normal damming level	16,49 mln m ³
Tank capacity at max damming level	21,68 mln m ³
Tank area at max damming level	429 ha
Drainage allowed	300 m ³ /s
The height of damming	7,85 m
Average depth	5,00 m
Power plant installed capacity	1,56 MW
Purpose of the tank	flood protection, green energy production, recreation, fishing

The Topola water reservoir (facility of the 2nd class of hydrotechnical structures) is located on the Nysa Kłodzka river at km 93 + 814. It is located in the Kamieniec Ząbkowicki commune in the Dolnośląskie Voivodeship.

It is located in the valley of the Nysa Kłodzka River above Paczków, between the villages of Pomianów Górny and Błotnica and it reaches as far as the town of Topola.

Topola reservoir and the Kozielno reservoir directly located below are form a complex of multi-purpose reservoirs that are part of the protection system from the flood of the Nysa Kłodzka valley.

Topola reservoir and the Kozielno reservoir form a complex of multi-purpose reservoirs, which are part of the protection system from the flood of the Nysa Kłodzka valley.

Topola reservoir and the Kozielno reservoir form a complex of multi-purpose reservoirs, which are part of the protection system from the flood of the Nysa Kłodzka valley.

The dam closes a catchment area of 2,139 km².

The basic objects that make up this reservoir are: frontal earth dam, three-span flap construction with a bridge, drainage channel, power station, fish ladder, surface overflow.

Geotechnical Surway Report

Geotechnical survey report to the development project for plot no. 354/25 section Bobolice.

In the entire surveyed area, down from the surface, the presence of silt-like diluvial loams of layer I was found. They take the form of silts with clay, clays with silt and silt with a consistency ranging from stiff to firm. Below them, at a depth of 0.8 – 2.0, glacial tills were found, formed as silt with clay and sand with silt and clay of layer II, with a consistency ranging from stiff to firm. Under the layer I and II and as interbeddings in these soils, there were fine and silty semi-compact and compact sands.

In the central and northern part of the area, the hard rock ceiling was found at a depth of 4.7 to approx. 10 m bgl.

Groundwater is present locally at a depth of 1.3 to 2.0 m bgl and it will not cause any difficulties if the foundations of the buildings to be constructed reach this depth. Appropriate drainage should be designed for deeper foundation.

The sands present in the project area are soils with good bearing capacity. Plot no. 354/25 is suitable for development.

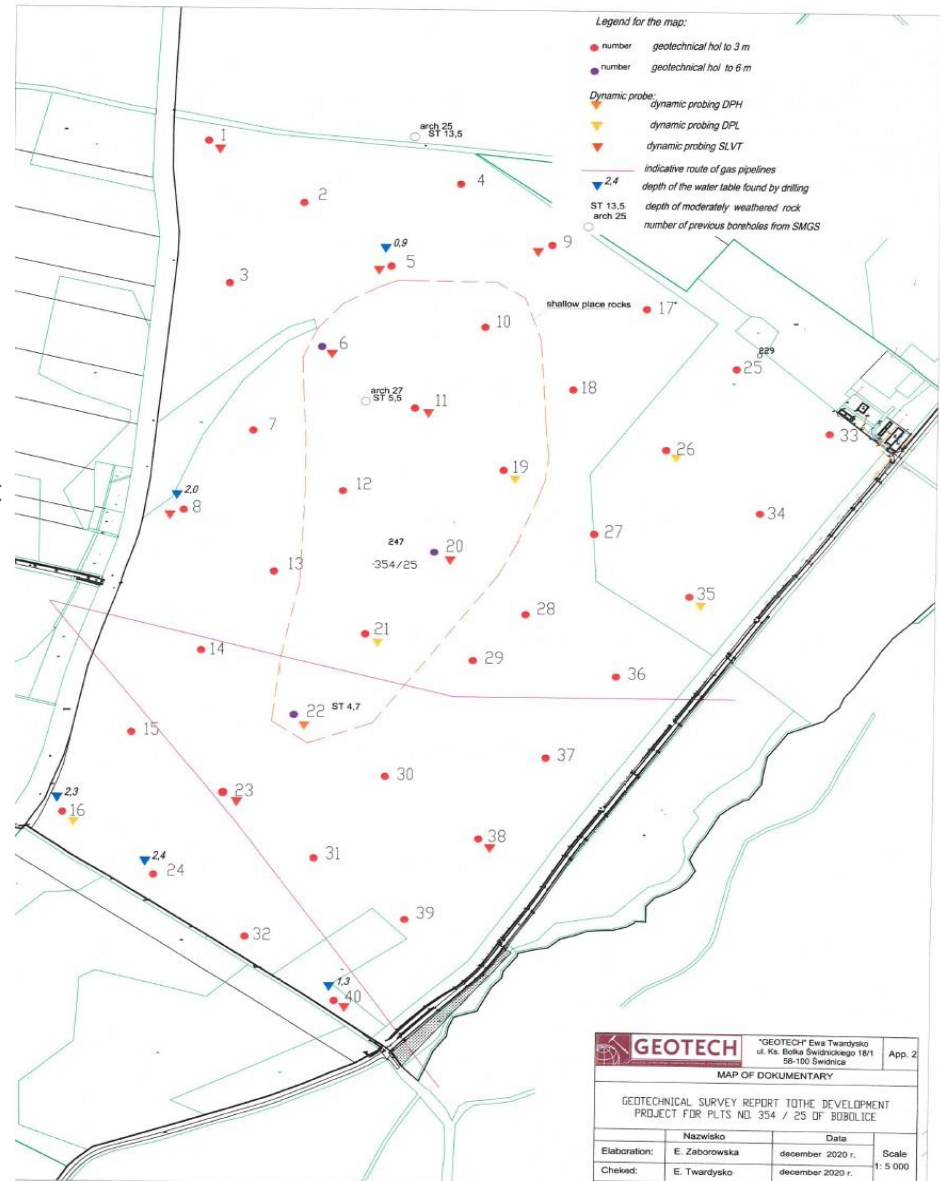


Table of geotechnical parameters

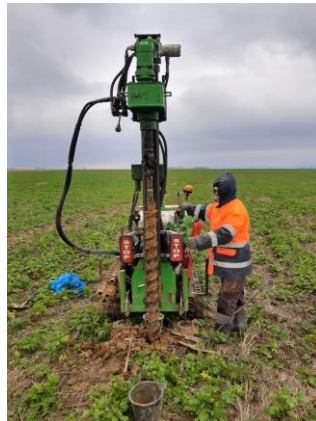
App. 3

TABLE OF GEOTECHNICAL PARAMETERS WG. EC-7

Facility: Bobolice dz nr 354/25

Layer description	Layer no.	bulk density	natural moisture	cohesion index	plasticity index	density index	primary Young's modulus	edometric primary compression modulus	effective cohesion	effective angle of internal friction	shear strength
		ρ t/m ³	w _n %	I _c	I _p %	I _D	E ₀ MPa	M ₀ MPa	c' kPa	ϕ' °	C _u k[Pa]
<i>metoda oznaczenia parametru</i>		A	A	A		A	B	B	B	B	
Silty diluvial loams, sandy loams (clSi, Si, saclSi)	Ia	2,11	16	0,75	13	-	18	26	14	14	88
	Ib	2,02	24	0,69	16	-	16	23	13	13	67
	Ic	2,01	29	0,52	24	-	11	16	9	10	30
Glacial tills (saclSi, saclSi)	II	2,06	13	0,72	14	-	23	30	29	17	75
Fluvioglacial sands (Fsa, siSa)	IIIa	1,71*	19	-	-	0,50	46	62	-	32,5	-
	IIIb	1,88*	5	-	-	0,70	66	89	-	35	-
Highly weathered rock	Ws(FSa)	IV	1,84*	15	-	0,70	66	89	-	35	-
	Ws(clSi, saSi)	V	1,95	16	0,80	-	-	28	37	32	18
Moderately weathered rock (Ri)	VI	Rc > 5MPa									

* the bulk density test was carried out for soil compacted in laboratory conditions



Mining exploitation influences

Information on mining exploitation influences (IWEG)



DYREKTOR
OKRĘGOWEGO URZĘDU GÓRNICZEGO
WE WROCLAWIU

WRO.5122.45.2020.MG
L. dz.30/17/10/2020

Wrocław, dnia 22 października 2020 r.

ODDZIAŁ ARP S.A. WE WROCLAWIU
EURO-PARK Kobierzyce
ul. Wyścigowa 56e
53-012 Wrocław

Wiadomością w formie elektronicznej z dnia 6 października 2020 r. zwróciła się Pani do Dyrektora Okręgowego Urzędu Górniczego we Wrocławiu o udzielenie informacji na temat działki o nr ewidencyjnym 354/25 obręb Bobolice, gmina Ząbkowice Śląskie, powiat ząbkowicki, województwo dolnośląskie, z punktu widzenia ewentualnych konsekwencji i uwarunkowań dla tej nieruchomości, związanych z dawną eksploatacją złóż [w Kopalni Szklary]. W odpowiedzi uprzejmie informuję:

1. Dyrektor Okręgowego Urzędu Górniczego we Wrocławiu, jest organem nadzoru górniczego, który przede wszystkim sprawuje nadzór i kontrolę nad ruchem zakładów górniczych, w zakresie określonym w art. 168 ustawy z dnia 9 czerwca 2011 r. - Prawo geologiczne i górnicze (t. jedn.: Dz. U. z 2020 r. poz. 1064, z późn. zm.), ustawa zwana dalej w skrócie „P.g.g”. Archiwalne materiały posiadane przez Dyrektora Okręgowego Urzędu Górniczego we Wrocławiu przekazywane są, zgodnie z obowiązującym przepisami, do Archiwum Państwowego we Wrocławiu. Archiwalne materiały o górnictwie na Dolnym Śląsku mogą znajdować się w Archiwum Państwowym we Wrocławiu, położonym przy ul. Pomorskiej 2, 50-215 Wrocław, email: sekretariat@ap.wroc.pl, telefon: +4871 3288101; 3288395.
2. Zgodnie z obowiązującymi przepisami – tzn. z art. 131 ustawy P.g.g. niezwłocznie po zakończeniu likwidacji zakładu górniczego przedsiębiorca powinien przekazywać Prezesowi Wyższego Urzędu Górniczego w Katowicach dokumentację mierniczo-geologiczną zakładu górniczego. Przedmiotowe informacje mogą być dostępne w Archiwum Dokumentacji Mierniczo-Geologicznej, położnym przy ul. Obroki 87, 40-929 Katowice (tel. 32 258 10 03, 32 356 03 61), adres korespondencyjny: Wyższy Urząd Górniczy, Archiwum Dokumentacji Mierniczo-Geologicznej, ul. Poniatowskiego 31, 40-055 Katowice.
3. W związku z Pani wnioskiem dokonano analizy zasobów bieżących Okręgowego Urzędu Górniczego we Wrocławiu (tzn. planów ruchu zakładów górniczych i obowiązujących koncesji). Na podstawie przeprowadzonych czynności stwierdzono, że wskazana przez Panią działka

According to the information from the Mining Office of October 22, 2020, in connection with the termination of the mine's activity in Szklary, the plot is located outside the mining areas or mining areas and there are no mining exploitation influences on the investment area.

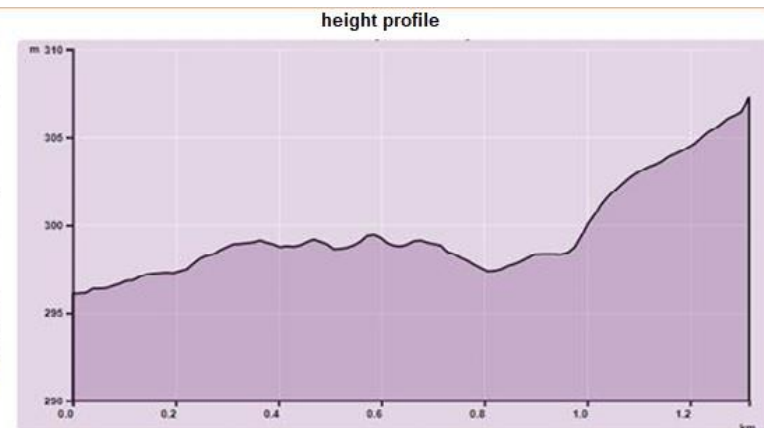
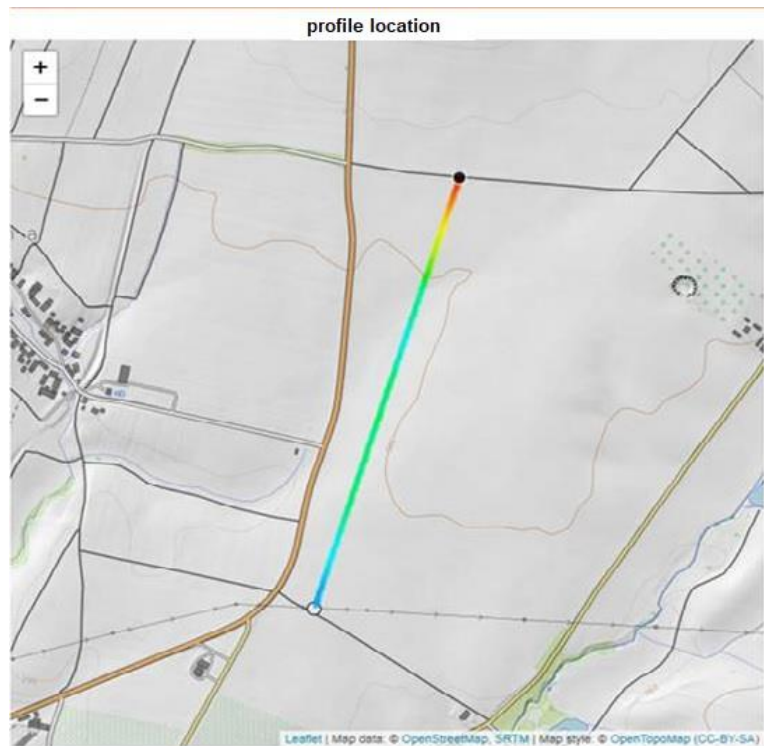


The landform

Landform

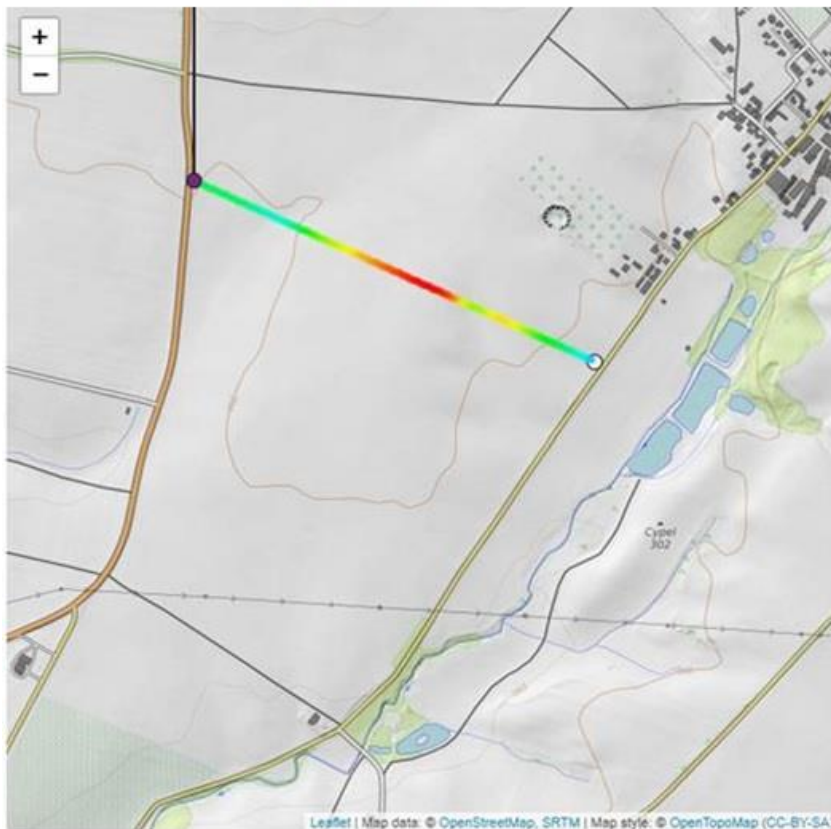
The entire area of the plot of land no. 354/25 descends towards the south-facing city of Ząbkowice Śląskie and gently to the west, to the national road no. 8 and to a lesser extent to the east to the commune road connecting Ząbkowice Śląskie with Bobolice.

The maximum difference in height in this area is about 9 m over the length of about 1,500 m (max. 11 m), which is a decrease of 0.6%, an acceptable value from the point of view of the purpose of the area. The altitude analysis of the area is presented below.

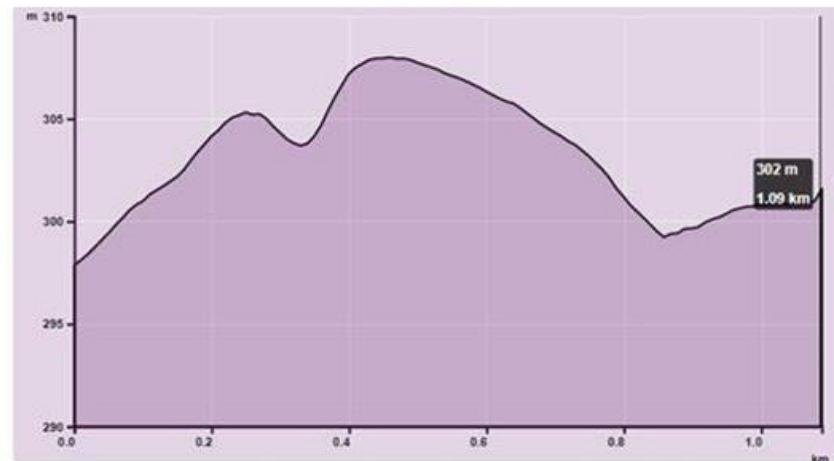


Profile length	1.31 km
Maximum height	307.26 m
Minimum height	296.12 m
Height differences	11.14 m
Avarage slope	0.85 %
Avarage height	299.63 m
Total lifting	14.50 m
Total decline	3.36 m

profile location



height profile



Profile length	1.31 km
Maximum height	307.26 m
Minimum height	296.12 m
Height differences	11.14 m
Average slope	0.85 %
Average height	299.63 m
Total lifting	14.50 m
Total decline	3.36 m

For more information you can follow the link: <https://zabkowicki.e-mapa.net/>



The archaeological research

Archaeology

GOODS OF CULTURE

Specified below **DO NOT** occur in the plan area:

- Culture valued facilities and areas
- Elements of spatial development that requires established rules of modern cultural valuables protection
- Protection needed cultural landscape.

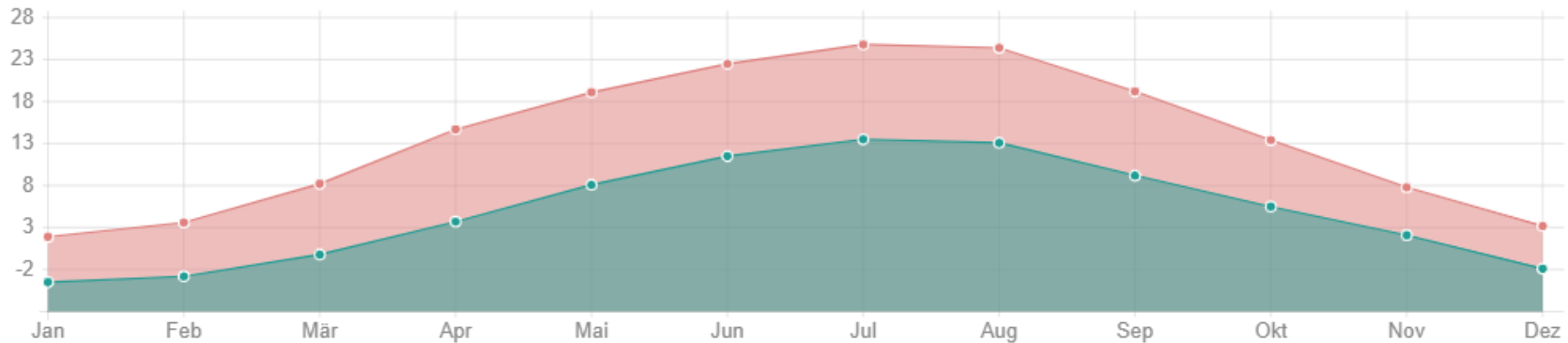


The climate

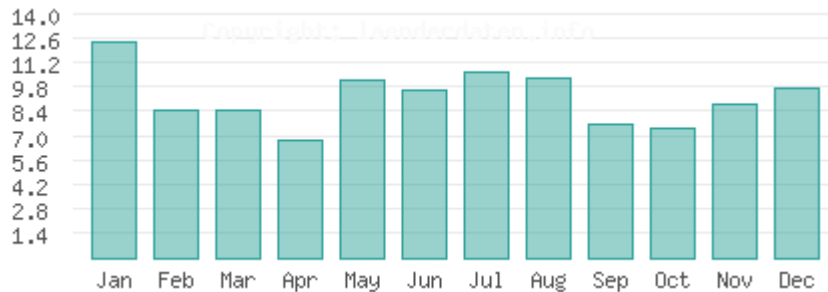
Climate for Lower Silesia

Lower Silesia is one of the warmest region in Poland with an average daily high temperature of 14 degrees centigrade. The climate widely corresponds to Central European weather conditions. It is cold, wet and a few beautiful summer months are also happening during a year. It rarely gets really warm here and you can safely leave your swimwear at home. Due to the warmer temperatures the best time for traveling is from May to September. Nearly unattractive for tourists are the cold months from November to March.

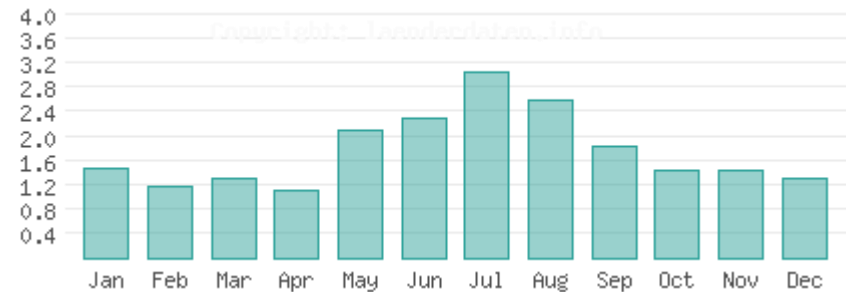
Average daytime and nighttime temperatures



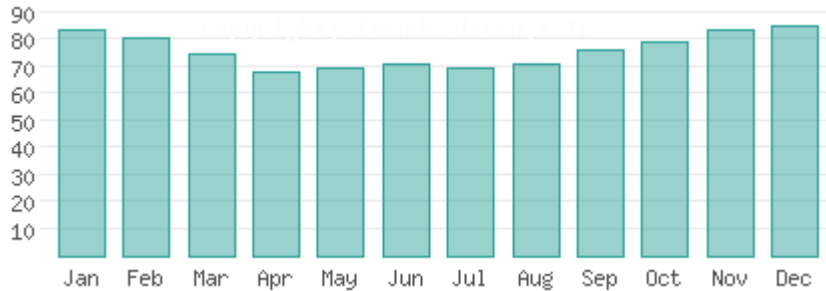
Rainy days per month



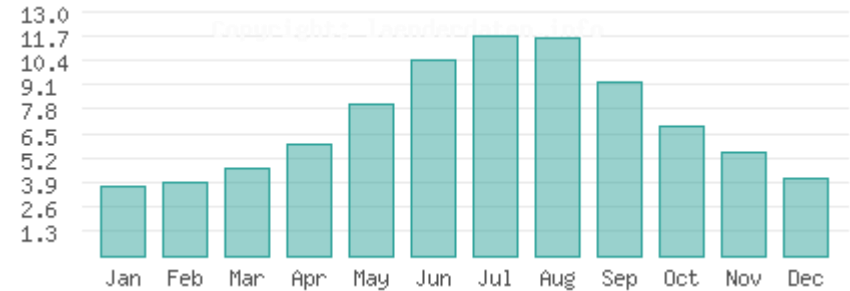
Precipitation in mm/day



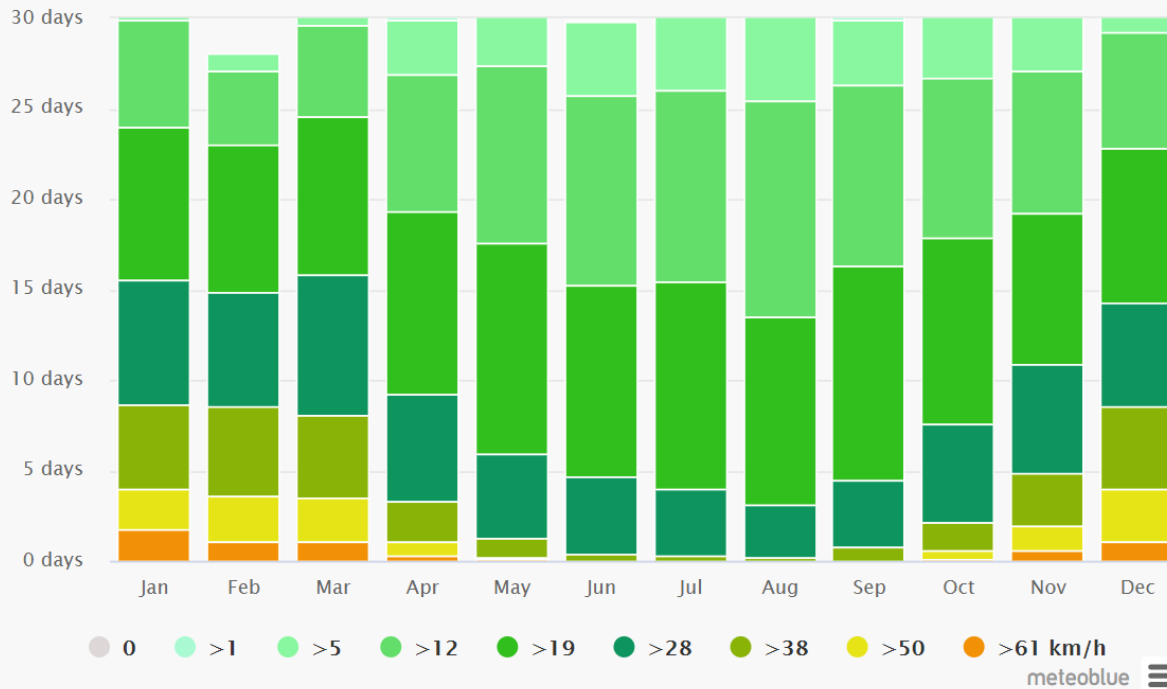
Relative humidity in %



Absolute humidity in g/m³ (approx.)



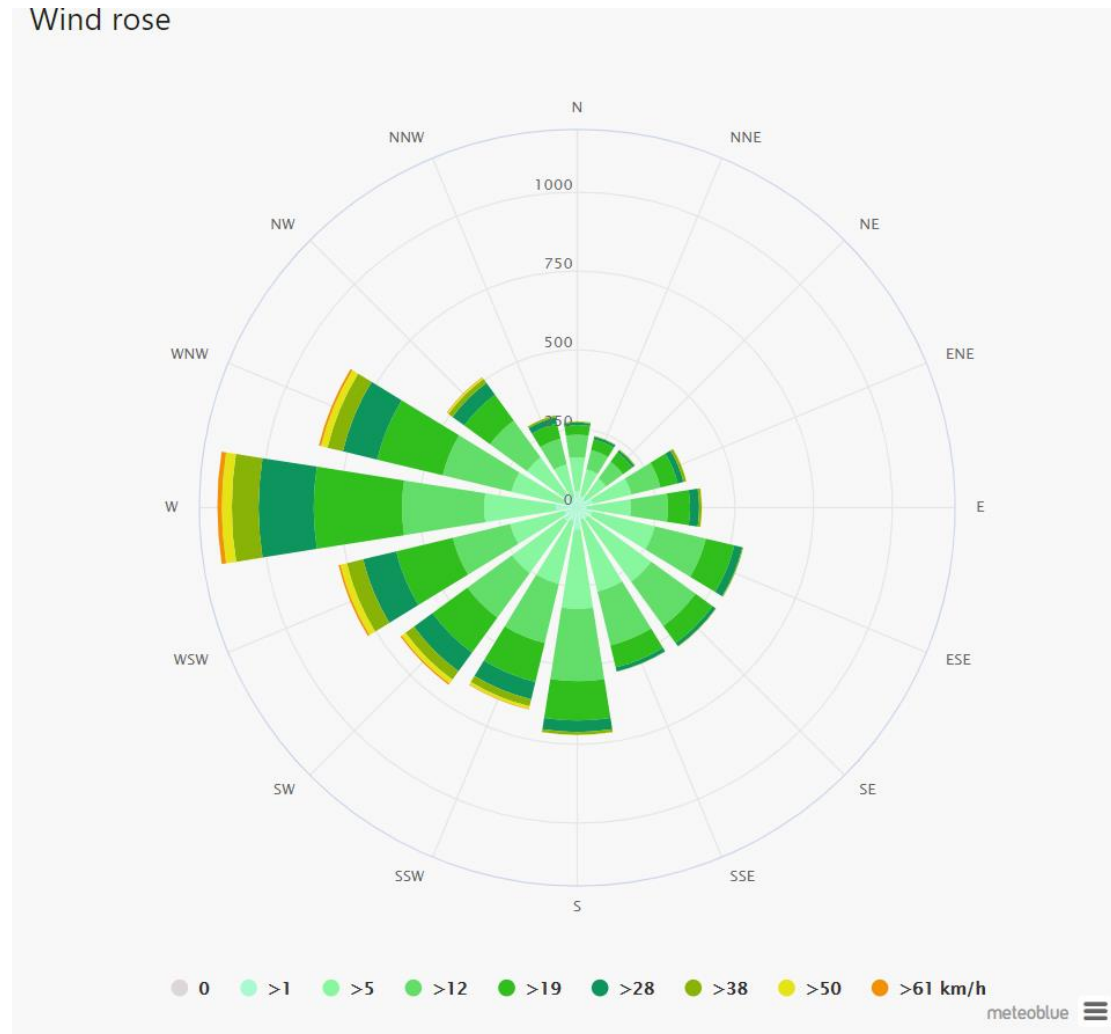
Wind speed



The diagram shows the days per month, during which the wind reaches a certain speed.

The wind rose shows how many hours per year the wind blows from the indicated direction. Example SW: Wind is blowing from South-West (SW) to North-East (NE).

For more information about the weather you can visit the below website:
<https://www.imgw.pl/>



The climate of Ząbkowice Śląskie

Ząbkowice Śląskie, in accordance with the climate regionalization belong to the region of Przedgórze Sudeckie. The weather there is usually moderately warm (over 131 days per year). There are 87 very warm days a year, 83 frosty days and only 28 cold days in this region. The climate of this area is one of the warmest in Poland. Winter is short, spring is warm and summer is dry and warm. Due to the deep level of waterlogging groundwater humidity conditions are favorable, there are no conditions for a stagnation of cool air and haze. The areas are suitable for any type of building in terms of bioclimate conditions.



Risk of floods, earthquakes, drought

Floods are natural events of a random nature that cause damage to the property, agriculture, and industry. Floods, particularly on a large scale, are characterized by their specificity of arising and shaping. Those events are caused by wide and intensive precipitation lasting a few days.



Map legend:

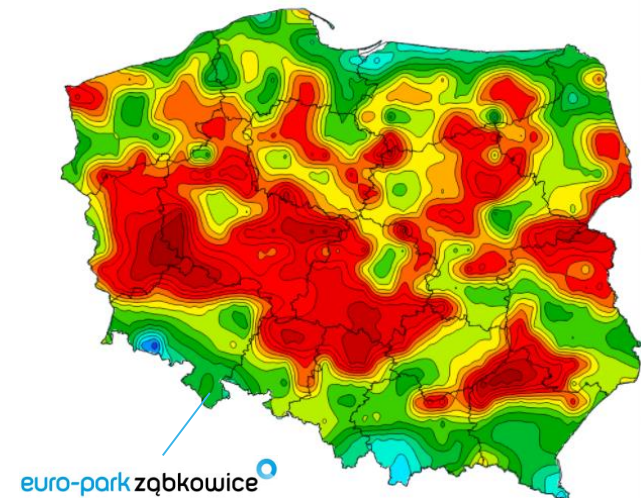


euro-park ząbkowice

NO RISK OF FLOODS AROUND THE PLOT AREA

Earthquakes in Poland are a rare phenomenon. Poland is a country of low seismic activity and return periods of earthquakes are long. Most often they are caused by rock bursts in coal or copper mines. Natural ones appear in the Carpathian Mountains, Sudetes, or in the Trans-European Suture Zone. Sometimes events from other countries are felt in Poland but according to specialist research, they do not have a real impact on economic activity.

Drought is a natural phenomenon defined as sustained and extensive occurrence of below average water availability. The map shows where the risk of drought is the highest (red) and where is the lowest (green) in Poland.



euro-park ząbkowice

Environmental protection

Natura 2000 areas

The nature protected area NATURA 2000, which is the closest to the location of the future industrial park, is the Skałki Stoleckie nature reserve (area code: PLH020012) area: 6.3 ha, approx. 3 km far from the investment plot. The area is located in the Dolnośląskie Voivodeship, Wałbrzych region, in the Skałki Stoleckie nature reserve near Ząbkowice Śląskie.

12 species of bats have been recorded here, 4 of which are included in Annex II of the Council Directive 92/43 / EEC.

Description of the area: The adit in Skałki Stoleckie was established as an underground excavation after limestone extraction in the 18th and 19th centuries. It consists of a series of galleries and chambers of an irregular shape with a total length of 500-600 m. Some of the halls are several meters high. Some of the rooms are constantly flooded with water, creating underground lakes. The microclimatic conditions are very diverse, providing many species of bats with optimal conditions for hibernation.



Another, much more extensive area of NATURA 2000 located in the vicinity of the analyzed property is the Góry Bardzkie nature reserve with an area of 3,379.7 ha, area code: PLH020062, however, due to its significant distance of approx. 13 km from the industrial park, it should not be of importance for the location and operation of investors in the area of the future park.

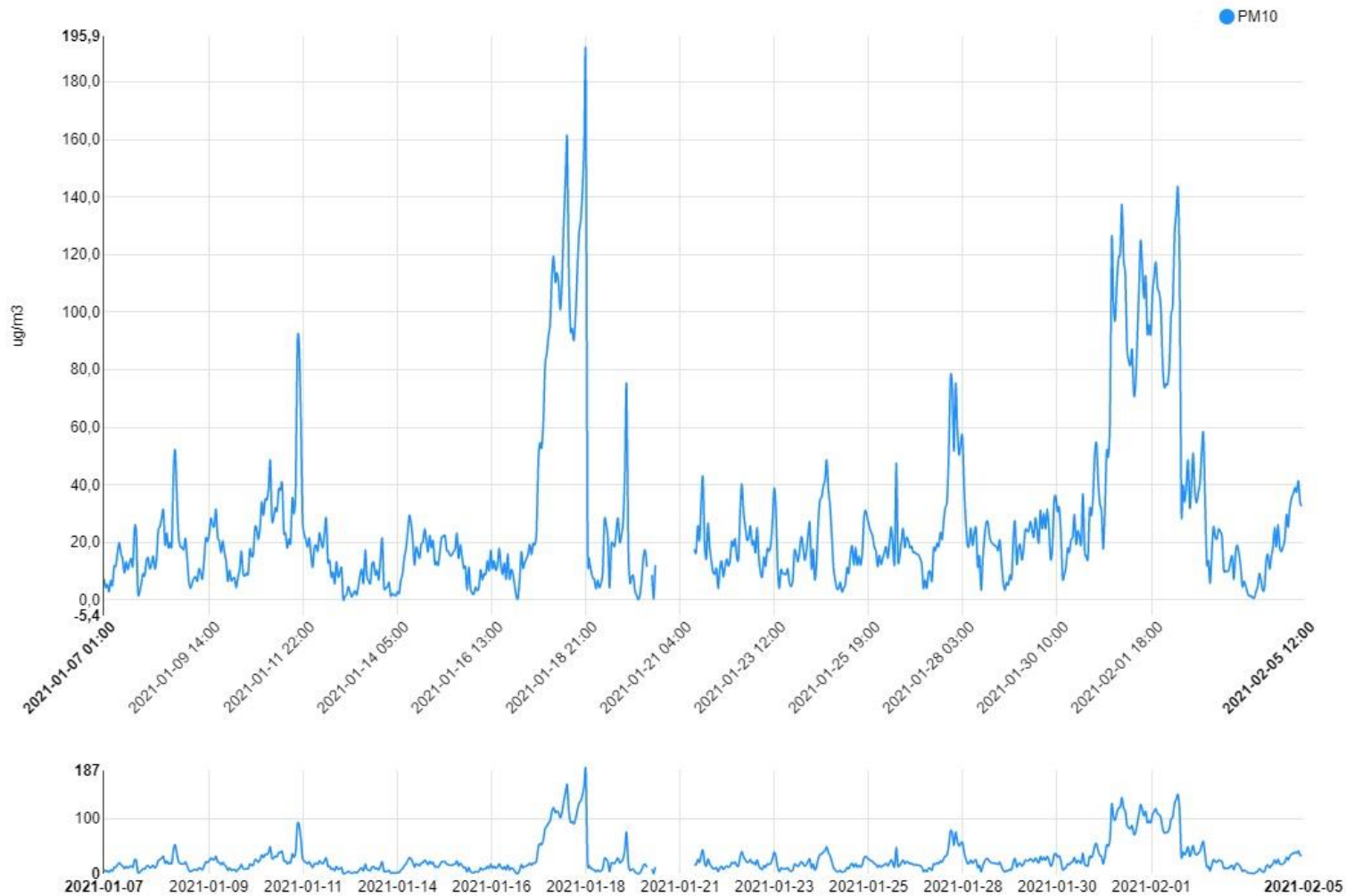
In accordance to the Environmental Protection Act in no area forms of protection occur in the EURO – PARK Ząbkowice and there has been none documented positions of protected kinds of animals and plants.

Transboundary environmental impact

Lower Silesian Voivodship shares a border with the Czech Republic from the south and the Federal Republic of Germany from the west. EURO-PARK Ząbkowice area is located around 28 kilometers from the Czech Republic border. In accordance with planned arrangements and distance from the borders we can state that **THERE WILL BE NO OBSTRUCTIONS** that can impact the state of environment of neighboring countries.



Air pollution- monthly graph of air pollutions



Education

Academic schools in Wrocław

The largest Universities in Wrocław:



Wrocław University of Science and Technology:

The top technical university in Poland with 34 000 students being educated by 2 000 academic teachers in 16 faculties. The graduates are highly valued in the labor market. Apart from being an academic center, the university is a very important research institution with 859 didactic laboratories and 112 research laboratories. During last 5 years the University has obtained 758 patents. The Member of the European University Association.



Wrocław University of Economics:

It is ranked among the top economic schools of higher education in Poland and is an important center of science and research.



University of Wrocław:

One of the universities with the longest tradition in Poland – with history of more than 300 years – has produced 9 Nobel Prize winners. Today the University of Wrocław is one of the leading universities in Poland in terms of size and research potential.

120 000 students

31 000 graduates annually

33 Universities & higher education institutions

6,2% of foreign students in Wrocław

96% of students speak English

Source: GUS 2018/2019

The price of real estate

The price €

The price of an investment property is each time determined on the basis of an appraisal report prepared by an authorized property appraiser.

The conversion of agricultural land:
In accordance with the regulations in force in Poland, the buyer of the greenfield property will be obliged to pay the fee of conversion of agricultural in 10 annual installments of EUR 0.85 / m² / year.

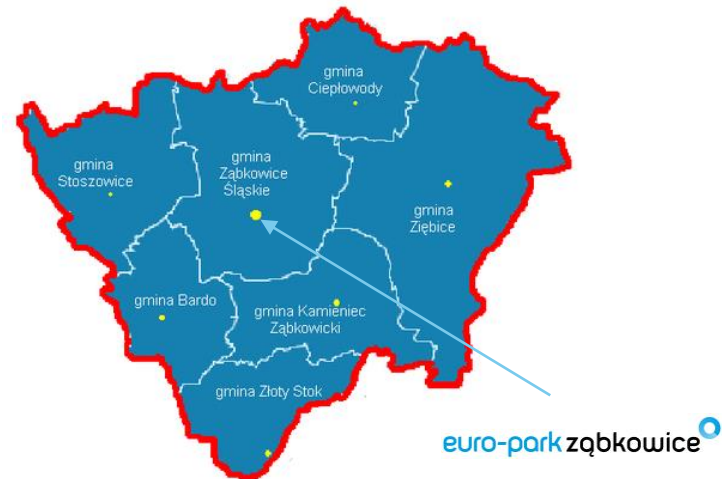


Demography facts

General data about Ząbkowice Region

ZĄBKOWICE ŚLĄSKIE REGION

- Number of inhabitants: **65 100**
- Area: **802 km²**
- Urbanization rate: **29 %**
- Number of districts: **7**
- Registered unemployment rate:
11,2 % – which gives 2500 people



ZĄBKOWICE ŚLĄSKIE COUNTY

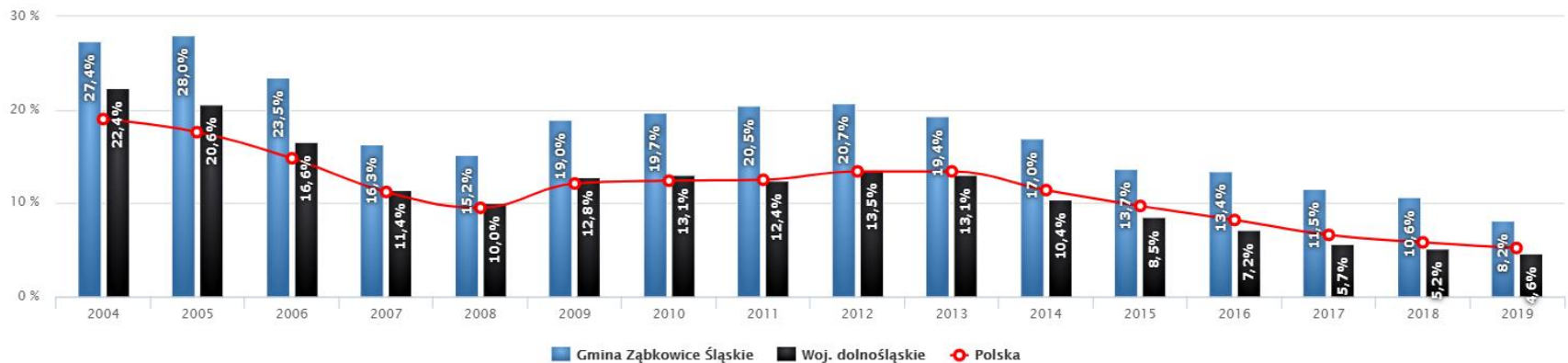
- Number of inhabitants: **22 187**
- Area: **146,88 km²**
- Registered unemployment rate: **10,3 %**

ZĄBKOWICE ŚLĄSKIE CITY

- Number of inhabitants: **14 929**
- Area: **13,76 km²**
- Registered unemployment rate: **15,67%**



Estimated unemployment rate in 2004-2019- Gmina Ząbkowice



The unemployment rate in the Ząbkowice poviát at the end of 2019 was 9.3% and was twice as high as the unemployment rate in the entire Lower Silesia (4.6%) and higher than the national rate, which was then 5.2%.

Gross Monthly Salaries in EUR in the region

Roles	EUR* (*1 EUR = 4,39 PLN)		
	Min.	Average	Max.
Plant Manager	5000	7000	9000
Operations Manager	4200	5600	6600
Production Manager	2800	3500	4700
Production Supervisor	1600	2300	3000
Shift Manager	1000	1600	2300
Machine Operator (skilled)	650	720	900
Machine Operator (unskilled)	610	700	800
Quality Manager	3000	3400	4500
Quality Engineer	1400	1700	2300
Lean Engineer	1400	1800	2300

Source: Michael Page's database

This summary took into consideration candidates not only from Ząbkowice Śląskie region but also from close counties, like: Kłodzko, Dzierżoniów, Kamienna Góra, Świdnica, Strzelin, Nysa and Brzeg (from opolskie voivodship). Our previous experience shows us that candidates from this area would be more interested in offers from Ząbkowice Śląskie. That should give you a wider range of potential candidates.

Gross Monthly Salaries in EUR in the region

Roles	EUR* (*1 EUR = 4,39 PLN)		
	Min.	Average	Max.
Technical Director	4200	5000	6400
Engineering Manager	3460	4125	5000
Project Manager	2700	3500	4200
Project Engineer	1800	2100	2300
Process Engineer	1300	1770	2400
Technologist	1500	2000	2300
Maintenance Manager	2700	3400	4200
Maintenance Supervisor	1930	2280	2400
Maintenance Engineer	1600	1700	2200
Automatics Engineer	1800	2000	2400
Maintenance Technician	1140	1250	1350

Source: Michael Page's database

This summary takes into consideration candidates not only from Ząbkowice Śląskie region but also from close counties, like: Kłodzko, Dzierżoniów, Kamienna Góra, Świdnica, Strzelin, Nysa and Brzeg (from opolskie voivodship). Our previous experience shows us that candidates from this area would be more interested in offers from Ząbkowice Śląskie. That should give you a wider range of potential candidates.

Gross Monthly Salaries in EUR in the region

Roles	EUR* (*1 EUR = 4,39 PLN)		
	Min.	Average	Max.
HSE Manager	3000	3500	4240
HSE Specialist	1600	1800	2300
Supply Chain Manager	3500	4200	5900
Logistics Manager	3300	4000	4700
Logistics Specialist	1100	1770	2120
Purchasing Manager	3300	3770	5200
Buyer	13000	1770	2300
Commodity Buyer	2100	2360	3300
Warehouse Manager	2300	3060	3500
Warehouse Operator	800	900	1000

Source: Michael Page's database

This summary takes into consideration candidates not only from Ząbkowice Śląskie region but also from close counties, like: Kłodzko, Dzierżoniów, Kamienna Góra, Świdnica, Strzelin, Nysa and Brzeg (from opolskie voivodship). Our previous experience shows us that candidates from this area would be more interested in offers from Ząbkowice Śląskie. That should give you a wider range of potential candidates.

Gross Monthly Salaries in EUR in the region

Roles	EUR* (*1 EUR = 4,39 PLN)		
	Min.	Average	Max.
Facility Manager	2360	3300	3540
HR Manager	3540	4245	5900
HR Specialist	1415	1890	2360
IT Manager	2590	3540	4950
IT Specialist	1650	1890	2122
Finance Manager	3770	5900	8250
Chief Accountant	2830	3300	4950
Accountant	1180	1770	2122
Controlling Manager	3300	3770	5200
Controlling Specialist	1410	1890	2360

Source: Michael Page's database

This summary took into consideration candidates not only from Ząbkowice Śląskie region but also from close counties, like: Kłodzko, Dzierżonów, Kamienna Góra, Świdnica, 72 Strzelin, Nysa and Brzeg (from opolskie voivodship). Our previous experience shows us that candidates from this area would be more interested in offers from Ząbkowice Śląskie. That should give you a wider range of potential candidates.

Investment incentives - Polish Investment Zone

Polish Investment Zone Act on support for new investments

The act of 10th May 2018 amends the instruments of CIT or PIT tax relief, a form of regional public aid. The major difference introduced is that the tax relief is now available across the entire territory of Poland, for companies carrying out new investments, on publicly as well as privately owned properties. However, the currently bidding Special Economic Zone (SEZ) permits, already granted to investors within the old SEZs shall remain in force until 2026.

According to the new regulations, the following enterprises are eligible for public aid in the form of tax exemptions:

- all enterprises in the sector of traditional industries, **with the exception** of enterprises producing, i.a.: explosives, alcohol, tobacco products, steel, or companies operating in the energy generation and distribution sector; wholesale and retail trade, facilities and construction works, services related to accommodation and catering services, and running game centers. Companies from the metallurgy, iron and steel sectors, the coal sector, and the transport sector are not eligible for support under the EU regulations.
- selected enterprises from the business services sector (BSS) providing: IT services, research and development in the areas of natural and technical sciences, auditing and book keeping services, accounting (excluding tax declarations), technical research and analysis services, call centers, architectural and engineering services.



What is the amount of tax relief?

The maximum amount of state aid in the form of CIT or PIT tax relief is determined on the basis of the regional aid map for 2014-2020 (representing the percentage of costs eligible for regional aid):

Support for medium and small/ micro enterprises is increased by 10 and 20 percentage points respectively (i.e. 25% becomes 35% or 45% respectively).

The relief shall only be applicable to income generated from business activities carried out as part of an investment covered by the support decision. Therefore, if the entrepreneur simultaneously conducts activities that are not covered, then the supported activities shall be organizationally separated, and the level of exemption shall be determined on the basis of data (revenues and costs) of the separated activity.



In accordance with the regulations on state aid, **the eligible costs of the new investment** are:

- land acquisition cost, cost related to purchase, development or modernization of fixed assets (e.g. machines), cost related to the acquisition of intangible assets (computer programs, licenses, certificates, etc.), or
- 2-year labor costs of newly hired employees

What are the criteria for receiving public aid?

The decision on support is issued for the implementation of a new investment meeting certain **quantitative and qualitative criteria**.

Quantitative criteria (minimum amount of eligible costs) depend on the unemployment rate in the district (powiat) in which the investment shall be implemented (the higher the unemployment rate, the lower the required costs) and the size of the enterprise. Preferences were also granted to entrepreneurs conducting research and development activities and in the sector of business services sector.

Quantitive Criteria				
Unemploy-ment rate in the district/ average unemploy-ment in Poland	Minimum amount of eligible costs			
	Large enter-prise	Medium enter-prise	small enter-prise	Micro enter-prise
			R&D projects	
			business services sector	
<60% of national average	PLN 100 m	PLN 20 m	PLN 5 m	PLN 2 m
60 - 100%	PLN 80 m	PLN 16 m	PLN 4 m	PLN 1.6 m
100 - 130 %	PLN 60 m	PLN 12 m	PLN 3 m	PLN 1.2 m
130 - 160%	PLN 40 m	PLN 8 m	PLN 2 m	PLN 0.8 m
160 - 200%	PLN 20 m	PLN 4 m	PLN 1 m	PLN 0.4 m
200 - 250 %	PLN 15 m	PLN 3 m	PLN 0.75 m	PLN 0.3 m
> 250%*	PLN 10 m	PLN 2 m	PLN 0.5 m	PLN 0.2 m

* and in 122 medium-sized cities losing socio-economic functions and in municipalities bordering these cities

Qualitative Criteria

Qualitative Criteria			
SUSTAINABLE ECONOMIC DEVELOPMENT - max. 5 points			Scoring
	MANUFACTURING SECTOR	BUSINESS SERVICES SECTOR	
Compliance with the current national development policy, where Poland may gain a competitive advantage	Investments in projects from the following sectors: high-quality food, transport means, professional electrical and electronic equipment, aerospace sector, hygiene products, medicines, and medical products, machinery, material recycling of raw materials and modern plastics, eco-buildings, professional services, professional telecommunication and information services, inclusive of smart specializations of the voivodeship the investment is planned in.		1
Export-oriented sales	Achieving an appropriate volume of sales outside of the territory of the Republic of Poland		1
R&D activity	Pursuing research and development activity		1
Size of enterprise	Possessing the status of a micro, small or medium-sized enterprise		1
National Key Cluster / Business Services Sector	Membership of a National Key Cluster	Establishing a business services centre providing services outside of the territory of the Republic of Poland	1

Qualitative Criteria

SUSTAINABLE SOCIAL DEVELOPMENT - max. 5 points			Scoring
	MANUFACTURING SECTOR	BUSINESS SERVICES SECTOR	
Low negative impact on environment	Pursuing an economic activity with low environmental impact		1
Investment location	Locating the investment: in medium-sized cities losing their socio-economic functions, and in municipalities bordering these cities, in poviats or cities, with the poviat status where the unemployment rate stands at at least 160% of the national average unemployment rate (excluding those cities where the voivode or the parliament of the voivodeship are seated)		1
Support in gaining additional education	Supporting the acquisition of knowledge and vocational qualifications and cooperating with industrial schools		1
Care for employees	Undertaking action to care for employees		1
Creating high quality jobs	Creating specialized jobs in order to pursue an economic activity covered by the new investment and offering secure employment	Creating well-paid jobs and offering secure employment	1

The entrepreneur implementing a new investment in a given sector shall be considered to have met the qualitative criteria once he obtains a certain number of points, as indicated in the table below, with the additional requirement of scoring at least one point in either criterion (sustainable social development and sustainable economic development):

Public intensity: 25% or less - point threshold: 6

Public intensity: 35% - point threshold: 5

Public intensity: 50 % - point threshold: 4

General information about Poland

Poland

Poland is the 6th country in Europe in terms of population and area. The country is located in the heart of Europe which makes it the perfect investment location for companies needing to export products both in eastern and western directions.

Tax rates:

CIT 5% 9% 19%

PIT 18% 23%

VAT 0% 5% 8% 23%

The number of cities exceeding 200 thous. Inhabitants: 15 cities

2nd lowest median age in CEE: 40,6

Currency: Polish Zloty (PLN)

1 EUR ~ 4,49 PLN

1 USD ~ 3,73 PLN

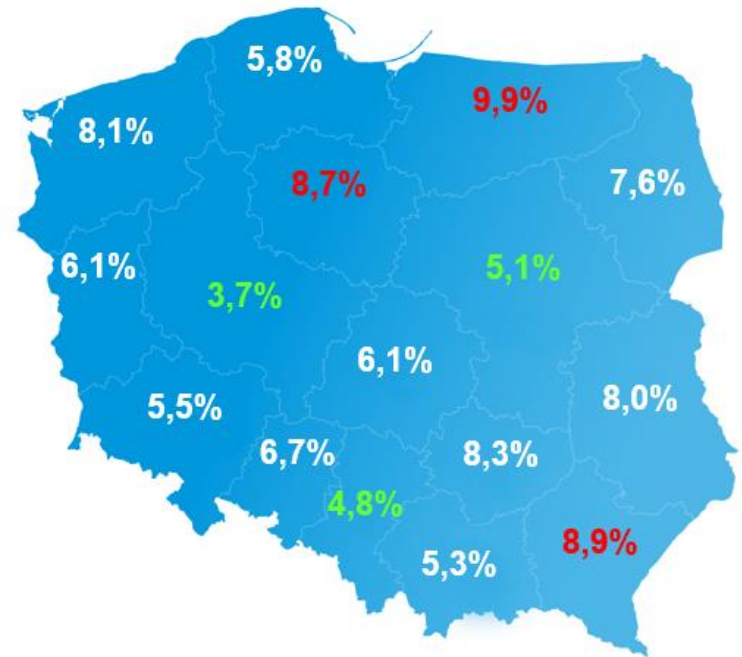
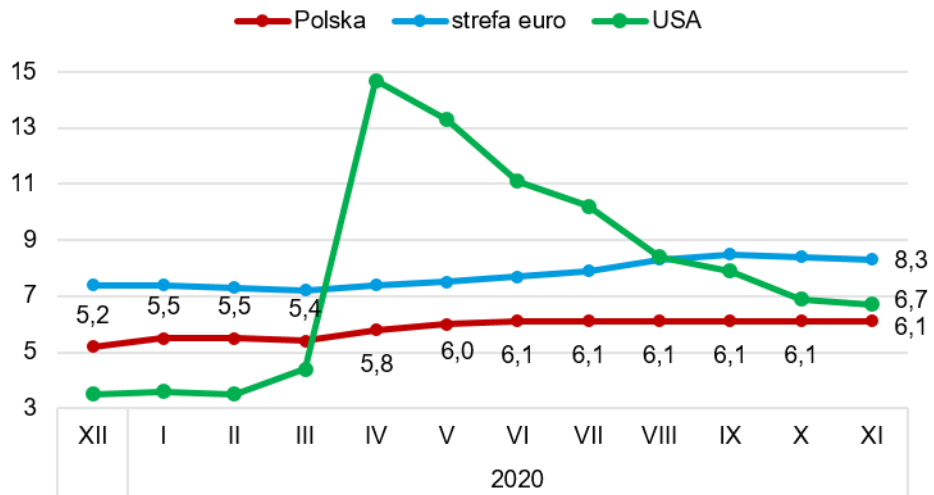
1 CNY~ 0,58 PLN

Area: 312 700 sqm km

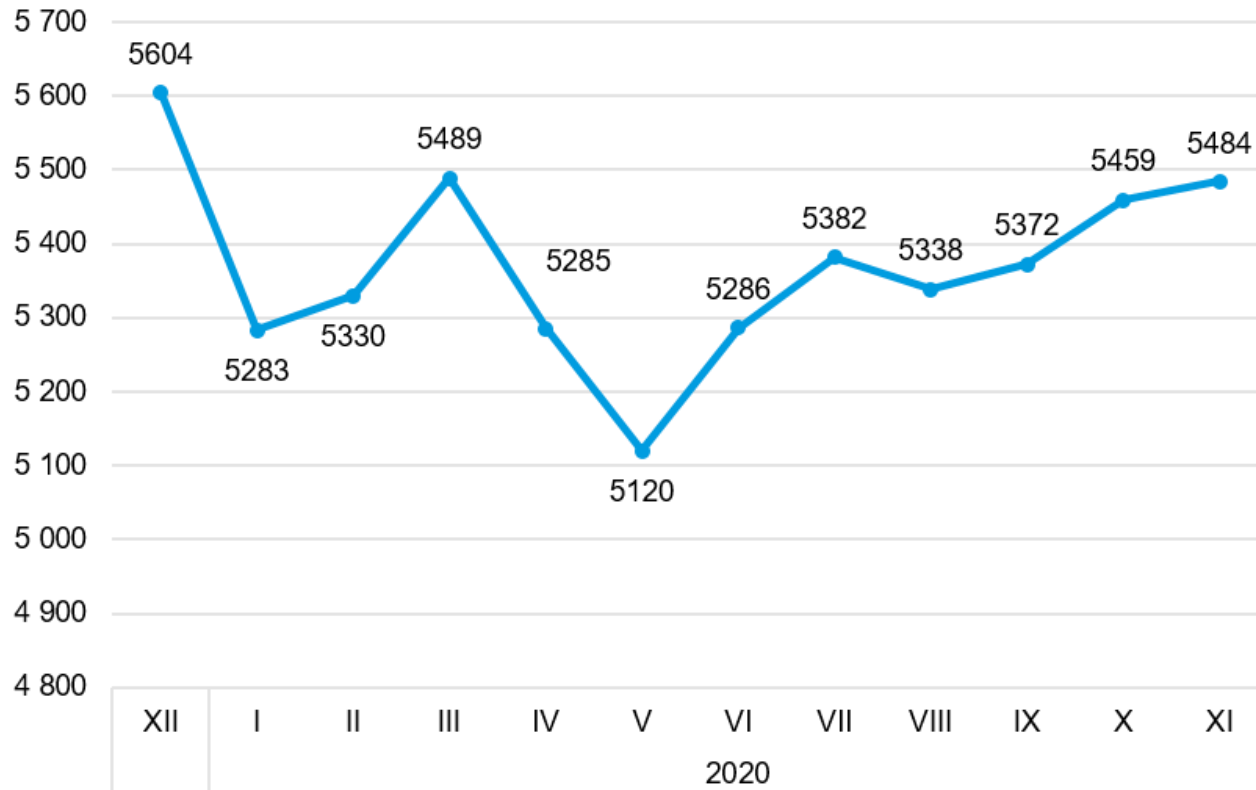
Exports- 235,8 bn USD



Unemployment rate in 2020 (July 2020)



Average monthly real gross salary in the enterprise sector (in PLN)- Poland



POLAND

Population (condition as of 31 XII 2019) **38.383 thous.** ↓

Registered unemployed persons **62.0 thous.** ↓

Unemployment rate **5.2%** ↓

Average paid employment in enterprise sector **6318.9 thous.** ↓

Average monthly gross wages and salaries in enterprise sector **5484,07 PLN** ↑



LOWER SILESIA, June 2020

Population (condition as of 31 XII 2019) **2898.5 thous.** ↓

Registered unemployed persons **68.8 thous.** ↑

Unemployment rate **5.6%** ↑

Average paid employment in enterprise sector **481.8 thous.** ↓

Average monthly gross wages and salaries in enterprise sector **6465.96 PLN** ↑



WROCŁAW, June 2020

Population (condition as of 31 XII 2019) **643.8 thous.** ↑

Registered unemployed persons **9.6 thous.** ↑

Unemployment rate **2.4%** ↑

Average paid employment in enterprise sector **181.2 thous.** ↓

Average monthly gross wages and salaries in enterprise sector **5850.98 PLN** ↑



Labour and Employment Law in Poland

Working time and vacation

General requirements

Working time in Poland should not exceed 8 hours per day and average of 40 hours per an average five-day working week. For the work performed in excess of the working time standards employee is entitled to an allowance. If it's justified by the type of work or the organization thereof, the employer can introduce the other working-time systems which allow to extending the daily amount of working time. Specific requirements related to this matter are indicated in the Polish Labour Code.

Paid leave

An employee is entitled to an annual, paid vacation leave amounting to 20 days - if an employee has been employed for less than 10 years, or to 26 days if an employee has been employed for at least 10 years. Periods of previous employment, regardless of intervals in employment and how the employment relationship ended, are counted into the employment period determining the right to leave and the length of leave. Graduating from the following schools means the following periods are counted into the employment of period on which the length of leave is based:

- basic or another equivalent vocational school - the duration of the education provided for by the syllabus, but not more than 3 years
- a secondary vocational school - the duration of the education provided for by the syllabus, but not more than 5 years
- secondary vocational school for graduates of basic (equivalent) vocational schools - 5 years
- middle comprehensive school - 4 years
- post-comprehensive school - 6 years
- school of higher education - 8 years

The periods of education cannot be aggregated



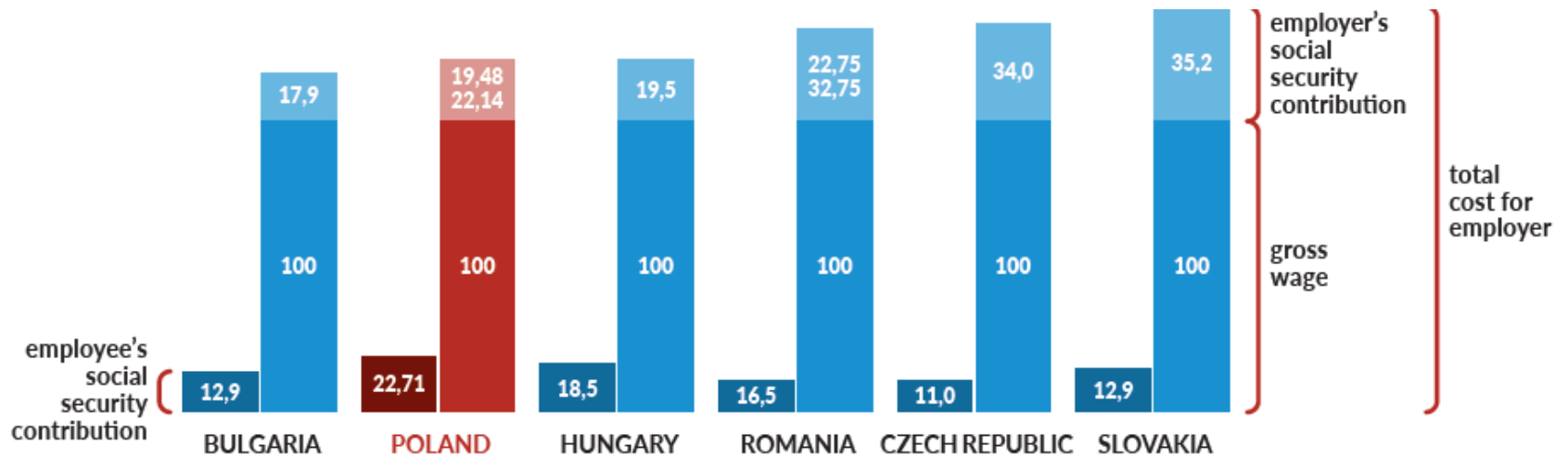
Contributions and income tax

The employer is obliged to pay **monthly contributions to social and health insurance and advances on the income tax**. The tax advance should be paid until 20th day of the next calendar month. The contribution to social insurance should be paid until 15th day of the next calendar month. The amounts of personal income tax and contributions owed in Poland are presented in the tables below.

Basis for tax calculation	Tax amounts to:
Up to PLN 85,528	18 % - amount decreasing the tax
Above PLN 85,528	PLN 15,395.04 + 32% of surplus over PLN 85,528.00

Contribution	Employee	Employer
Retirement pension contribution	9.76 %	9.76%
Pension contribution	1.5%	6.5%
Sickness contribution	2.45%	N/A
Disability pension	N/A	from 0.4 % to 3.6 %
Health insurance	9 %	N/A
Employment Fund	N/A	2.3%
Fund of Guaranteed/ Employment Benefits	N/A	0.1%
Solidarity Support Fund for Disabled Employees	N/A	0.15%
TOTAL	22.71%	19.21%-22.41%

Total cost of employee, social security costs split equally between employee and employer in CEE Countries



**Agencja Rozwoju Przemysłu S.A.
(Industrial Development Agency)**

About the Agencja Rozwoju Przemysłu S.A. (Industrial Development Agency)

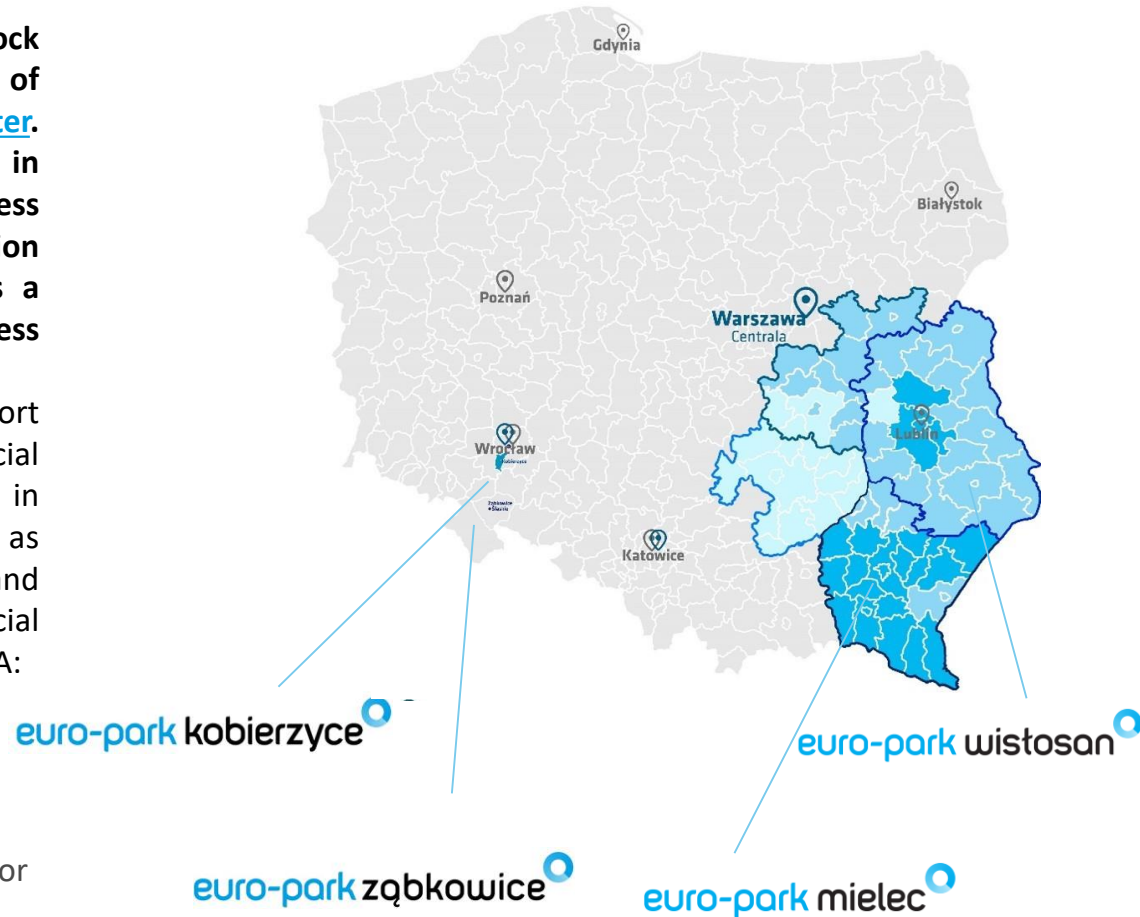
The IDA is a state-owned, joint-stock company under ownership supervision of the [Chancellery of the Prime Minister](#). The IDA supports business enterprises in operation and development of business activity, as well as in the implementation of restructuring processes, and plays a major role in increasing competitiveness of Polish industry.

The broad spectrum of support instruments includes both financial products and non-financial assistance in implementation of projects, such as providing access to investment areas and production facilities within Special Economic Zones administered by the IDA:

EURO-PARK Mielec
EURO-PARK Wisłosan

In recent years, IDA has focused on creating new industrial parks, strategic for the Polish economy, such as:

EURO-PARK Kobierzyce,
EURO-PARK Ząbkowice.



How does the ARP S.A. (IDA) work?

With years of experience and unique competencies in the Polish market, the IDA has developed an individual approach to the evaluation of projects, due to which it is able to recognize business opportunities in areas that others see as unattractive or too risky.

As part of the [Polish Development Fund Group](#), the IDA cooperates with major Polish institutions supporting enterprises and provides comprehensive solutions in response to the current needs and challenges faced by businesses.



We work together to create practical solutions for a shared success and a safe future in industries including:

- Banking
- Insurance
- Investments
- Development of entrepreneurship and innovation
- Advisory in foreign expansion



EURO-PARK Mielec Special Economic Zone

- EURO-PARK Mielec is managed by the IDA branch in Mielec
- 20 poviats in 2 voivodships: Podkarpackie, Lubelskie, Leading industries: aviation, the automotive sector, plastics, furniture, IT, wood processing, food processing, the pharmaceutical industry
- Number of permits issued: 449
- Number of jobs created: approximately 45.2 thousand
- Area: 1.724 ha
- Date of establishment: 1995

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euro-park
mielec

Specjalna Strefa Ekonomiczna
Agencja Rozwoju Przemysłu S.A.

EURO-PARK Mielec Special Economic Zone - They trusted us:

- 1 Alucon sp. z o.o.
- 2 PPUH Instal-Inox Anna Rachfat
- 3 "WANAS MAREK WASZKIEWICZ"
- 4 Magellan Aerospace (Polska) sp. z o.o.
- 5 Zakład Produkcji Folii "Efekt Plus" Sp. z o.o.
- 6 CBM Polska Sp. z o.o.
- 7 Fabryka 4x4 sp. z o.o. sp.k.
- 8 R&G PLAST sp. z o.o.
- 9 MEDISEPT sp. z o.o.
- 10 "HERB" Usługi Produkcyjno-Handlowe Mariusz Pokrywka
- 11 Zakład Produkcyjny BEMPRESA sp. z o.o.
- 12 PETREPUBLIC sp. z o.o.
- 13 PHOENIX CONTACT E-MOBILITY sp.z o.o.
- 14 Husqvarna Poland sp. z o.o.
- 15 Warzocha Justyna P.P.H.U. "CALTI"
- 16 MEDISEPT sp. z o.o.
- 17 SPLAST sp. z o.o.
- 18 KOTULAK JERZY Produkcja Handel Usługi EKOMAX
- 19 CYFROWA FOTO sp. z o.o.
- 20 Smithstown Polska Spółka z ograniczoną odpowiedzialnością
- 21 JFG COMPOSITES sp. z o.o.
- 22 Kirchhoff Polska sp. z o.o.
- 23 DAAL Sp. z o.o.
- 24 Polskie Zakłady Lotnicze sp. z o.o.
- 25 COBI FACTORY S.A.
- 26 Sanok Rubber Company spółka akcyjna



EURO-PARK Wiśłosan Tarnobrzeg Special Economic Zone

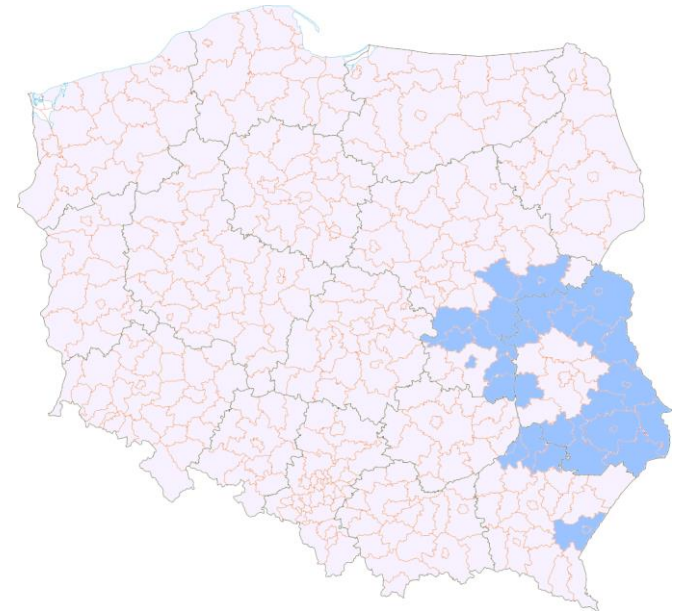
- TSEZ EURO-PARK Wiśłosan is managed by the Tarnobrzeg Special Economic Zone EURO-PARK WIŚŁOSAN
- Total investment expenditure made: PLN 14.47 billion (number of expenditure incurred by all investors (active and expired permits))
- Area:
Lubelskie Voivodships - 16 poviats and 3 cities with poviat rights,
Mazowieckie Voivodeship - 8 poviats and 2 cities with poviat rights,
Podkarpackie Voivodeship - 4 poviats and 2 cities with poviat rights.
Dolnośląskie Voivodeship - separate plots of land with a total area of 760 ha
- Leading industries: metal, construction, chemical industry, electronics and household appliances, automotive industry
- Number of permits/decisions granted: 378/54
- Number of jobs: 33,170 (new plus maintained jobs)
- Date of establishment: 1997

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euro-park
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Tarnobrzegska Specjalna
Strefa Ekonomiczna
Agencja Rozwoju Przemysłu S.A.



IDA JSC Branch in Tarnobrzeg

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EURO-PARK Kobierzyce

EURO-PARK Kobierzyce, an industrial park managed by ARP S.A. The branch in Wrocław was established in 2005 for the purpose of locating large industrial plants near Wrocław. Currently, there are 31 investors, mainly large, global, innovative companies from the automotive, electronic, paper and machine industries. A large part of investments is carried out by companies from South Korea, including the **LG Energy Solution factory (the first in Europe factory for the production of batteries for electric cars)** and plants of cooperating companies, among others. Starion Poland, LG Innotek, LG Electronics, Enchem. In EURO-PARK Kobierzyce there are also German (Lapp Kabel, Kessel), Spanish (Industrias Alegre), Chinese, Finnish (UPM Raflatac), Danish, Belgian (Materialize) and Polish (Global Point) companies.

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TSSE Podstrefa Wrocław-Kobierzyce
 Agencja Rozwoju Przemysłu S.A.



They trusted us:



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euro-park ząbkowice 

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PLACE FOR YOU !**

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