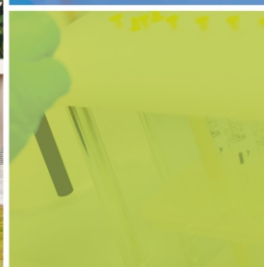




Lubuskie
Worth your while



**DISCOVER
LUBUSKIE**



**INNOVATIONS
INDUSTRY
INVESTMENTS
EDUCATION**

LUBUSKIE ON THE MAP



AREA

13 988 km²



POPULATION

1 015 440 (30.06.2018 r.)



GDP

2016 r. - 41,319 bn PLN



MAIN CITIES AND DEVELOPMENT CENTRES

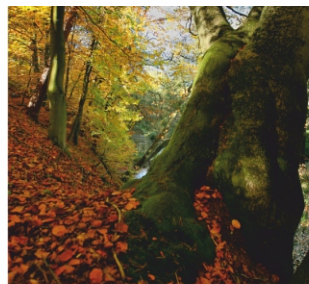
1. Zielona Góra
2. Gorzów Wlkp.
3. Nowa Sól
4. Żary
5. Żagań
6. Świebodzin
7. Kostrzyn n/Odrą



WHY LUBUSKIE?

LUBUSKIE BECAUSE...

- It is situated in the heart of Europe, along the Polish-German border and excellently connected to the European highway system.
- It has a very well-developed technical infrastructure, for instance A2, A18 and S3 roads, railway and fluvial routes and an airport.
- It provides European Union funds for companies - 908 M Euros for Lubuskie, including the support of labour offices for investors (financial support, among others, for trainings and workplace retrofitting, in the amount of up to 6-times of an average monthly salary when hiring the unemployed).
- It has over 1200 ha of equipped investment areas available in special economic zones and economic activity zones.
- It offers CIT exemption and local taxes exemptions for a period of up to 7 years.
- Domestic and foreign companies from various traditional and innovative branches of industry operate here.
- Local authorities co-operate with companies and surrounding business institutions, in order to conform the education on secondary and higher level with labour market's requirements.
- There are touristic attractions here, which will meet the expectations of even the most demanding tourists.



FORESTS AND NATURAL RESOURCES

Lubuskie Voivodeship is characterized by the presence of large, dense forest complexes (mainly pine forests), which cover 49.2% of the region. There are 2 national parks, 8 landscape parks and 64 nature reserves in the Lubuskie Voivodeship. The landscape is diversified by over 500 lakes and numerous rivers, of which the Oder is the largest.

Forests play a significant environmental role as an essential touristic-recreational potential and a natural feedstock source for numerous sawmills, industrial plants and carpentry plants in the voivodeship.

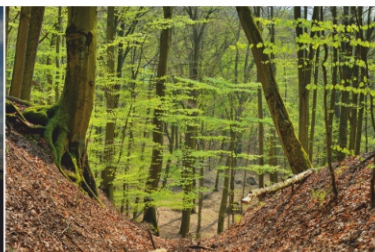
Besides having a wealth of forests, Lubuskie has almost 400 documented mineral deposits. Natural gas and petroleum are the energy resources. The largest mine of those resources, Lubiatów-Międzychód-Grotów opened in 2013, is also located in the region. The demand for them and the mineral resources themselves allowed

the opening of another big mine in Radoszyn, as well as a Production Centre in Połeck in 2016.

In the scope of rock and metal mines, there are lignite (exploited in Sieniawa), copper ores, quartz sands and loams. Sand (especially from the valley of Bóbr river) and gravels are used in the production of bricks, air bricks, concrete blocks, cellular and noble concrete, etc., while ceramic clays are used in the production of stoneware.

Production from the imported raw materials is also run for the construction industry in this region. These are for example the mineral insulating materials (mineral wool) and the houses from prefabricated LECA (burned clay spheres) of high energy-efficient qualities.

LEADING ENTITIES AND PARTNERSHIPS: from Zielona Góra: Regionalna Dyrekcja Lasów Państwowych, PGNiG, Exallo Drilling, Lubuskie Kopalnie Surowców Mineralnych, Elektrociepłownia "Zielona Góra", Elektrociepłownia "Gorzów Wlkp."; Ciech Vitrosilicon, Iłowa; CRH Gozdnicza; Rockwool Cigacice; Zielbruk, Płoty; Probet Dasag, Żary; Praefa, Międzyrzecz.





THE INDUSTRY OF LUBUSKIE

Since the outset of Lubuskie Voivodeship in 1999, the dynamically developing industry - quadrupled the value of production. Export has quintupled and the GDP of the region doubled.

Among the 28 branches of industry, the automotive industry has the largest share in production since 2010. It rose from the second tenth in the 90s of XX century to the position of regional leader, while multiplying their production over 61 times. Goods of wood processing, as well as paper and furniture production constitute nearly 25% of regional industry.

The production of metals, metal products and other non-metallic raw materials is systematically growing. And so is the processing of plastics, production of chemicals, especially mechanical engineering, production of devices and food, which generate innovative solutions and the commercialization of patents.

The IT/ICT industry of Lubuskie is becoming more and more recognizable. Not only does it provide various software for industry and services (including those for TV reception and IT safety), but also - by an effective use of IT tools - it successfully competes on global fin-tech and e-commerce markets. Reviving the tradition of grape vine planting and wine production also gives colours to region's economy.

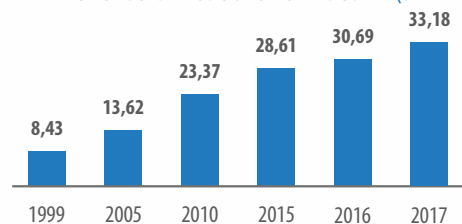
Average employment rate in the industry of Lubuskie in the years 1999-2018 shows systematic growth and reached in mid-2018 the level of 75 thousand employees.

Dynamic changes are not visible unless particular branches of industry are taken into the consideration. The employment has decupled in automotive industry and it has doubled in metal goods production. The increase in the amount of employees was noted in the scope of production of electric devices, rubber products and plastics. The largest reduction in employment is visible in the food industry, as well as in wood, chemicals and chemical products processing. The remaining branches of industry note smaller employment fluctuations.

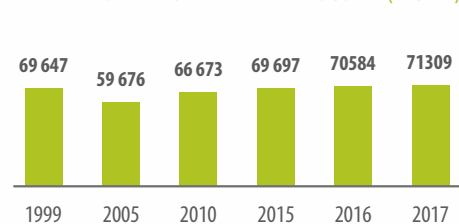


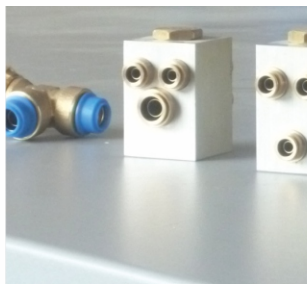
THE INDUSTRY OF LUBUSKIE IN STATISTICS

THE VALUE OF SOLD PRODUCTION OF INDUSTRY (BN PLN)



THE AVERAGE EMPLOYMENT IN THE INDUSTRY (PEOPLE)





PRODUCTION OF AUTOMOTIVE PARTS AND ACCESSORIES

Five global companies located their factories manufacturing automotive parts and accessories in Gorzów Wlkp., Nowa Sól, Świebodzin and Żary. They provide elements from pressed sheet metal, dashboards and door panels, electric bundles, car glass and vehicle seats for the biggest car brands.

The remaining groups of products include: electronic components and cable bundles, aluminum casts, shafts and gears, transmissions, drive systems, textile and plastic accessories, lighting equipment, acoustic and heat-resistant materials, splash guards, radiators, special utility vehicles, trailers and container tanks.

Moreover, the products of mechanical engineering, mechatronics and an assembly of different vehicle components.

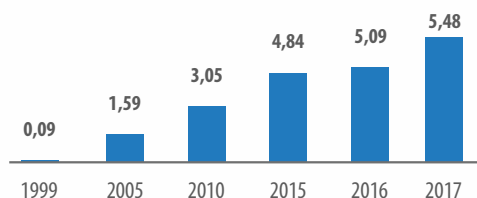
Native companies introduce innovative products to the market. These are for example exhaust fume cleaning systems - solid particles filters, also connectors for pneumatic braking systems in utility vehicles (the only one in Poland and fifth producer in Europe) and in the scope of specialised vehicles: apron cleaners (third European producer).

LEADING PARTNERSHIPS AND COMPANIES: from Gorzów Wlkp: SE Bordnetze Poland, Faurecia and Lindo Catsystem; from Nowa Sól: BCC Poland, Gedia Poland, Nord Napędy; from Świebodzin: Adient Poland and Kico, MHS Serwis Mikulski and Zakład Elektrotechniki Motoryzacyjnej (ZEM); from Żary: Or-Sat, Plastbud and Saint Gobain Sekurit; DBW Poland, Cigacice; Vocol, Gubin; Maximus, Kargowa; Olsa Poland, Kostrzyn n/Odrą; Wasiak Group, Koźuchów; MB Pneumatyka, Sulechów; Molex; Sulęcín; AE Group Poland, Strzelce Krajeńskie; Dobrowolski, Wschowa; Ideal Automotive, Zielona Góra; Kietzmann Coatings, Żagań.

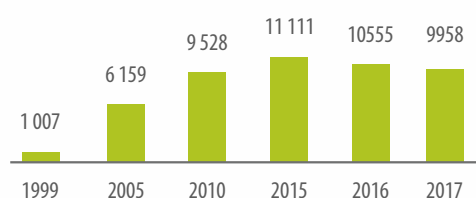


AUTOMOTIVE INDUSTRY IN STATISTICS

VALUE OF SOLD PRODUCTION (BN PLN)



AVERAGE EMPLOYMENT (PEOPLE)





THE PRODUCTION OF FOOD PRODUCTS

In the region there are strong producer groups, which specialise in the production of vegetables, fruits and grains. These are radishes, cucumbers and sauerkraut, asparagus, champignon mushrooms and moreover high-quality grains, seeds of oil-producing plants, strawberries and raspberries. The production of various cold meats, fresh and frozen pork meat, beef meat and poultry meat is concentrated in Sława. Lubuskie is also a leading national producer and exporter of turkey meat and turkey products. There are also poultry hatcheries and dairy cattle breeding occurring here in large quantities.

The egg powders, beers, including first bath beer in Poland, buckwheat, pastas, frozen food (vegetables and ready-cooked meals), ice concentrates and ice creams, baked goods, jams for diabetics, teas, various sweets, ready food rations (among

others, for army and fire department) and dog food from Lubuskie has been internationally recognised and appreciated.

Foreign investors also conduct their production in the region, offering various food products for national and European (mainly German) market. These are ready cheeses of mozzarella and ricotta type, cured meats, processed products of European and oriental cuisine (sauces, dressings) and middle east natural casings (from sheep and goat) necessary in cold meats production.

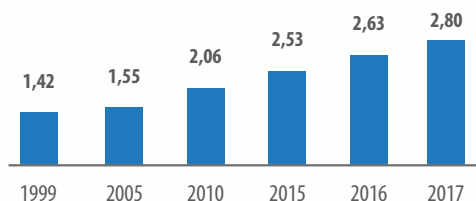
A return to wine traditions gives colour to food industry in the region. Within the established Lubuskie Trail of Wine and Honey, there are offered wines in the varieties of riesling, pinot noir, regent and traminer.

LEADING PARTNERSHIPS AND COMPANIES: from Gorzów Wlkp.: Piekarnia Bagietka and Kaskat; from Lubsko: Praliny Łużyckie and Magnolia; from Nowa Sól: AB Foods and Owopol; from Sława: Biodama, Balcerzak i Spółka, ZPM Sława; from Zielona Góra: Arpol, Nordis and Saba; Zakład Wylegu Drobiu Sztuder, Dąbie; Spółka Rolna Kalsk; Nestle, Kargowa; Caramella, Kozuchów; Pałac Mierzęcina Wellness & Wine Resort; Malwa Tea, Lubiszyn; Hodowla Zwierząt Zarodowych Osowa Sień; Latteria Tinis, Rzepin; Sarris Darm, Santok; Konecke, Słubice; Sulma, Sulechów; Leks, Sulęcín; Bomadek, Trzebiechów; Boss Browar Witnica; Rzeźnictwo Zyguła Zbąszynek.

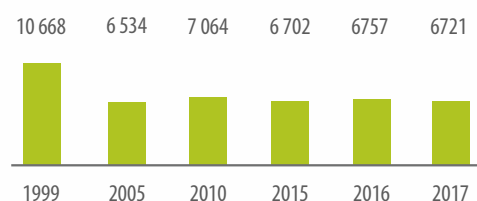


FOOD INDUSTRY IN STATISTICS

THE VALUE OF SOLD PRODUCTION (BN PLN)



AVERAGE EMPLOYMENT (PEOPLE)





WOOD PROCESSING AND FURNITURE PRODUCTION

Lubuskie is a leader in wood processing and furniture production. Here, several companies with foreign capital concentrated their production of wood-based products (used in furniture, construction, finishing and automotive industries), cellular boards and chipboards, as well as the production of furniture components and furniture.

National companies specialise in the production of luxury upholstered and leather furniture made from solid wood and wood-based boards (MDF, HDF and LDF). They are dedicated to home use, bureaus, shops, offices, banks, bowling clubs, tourist industry, gastronomy, schools and universities.

Products manufactured from wood are dedicated to fencing and also they equip and decorate gardens, parks, terraces, balconies, markets and all kinds of recreational areas. Fuel from wooden waste is called pellets and it is used to heat houses and other premises.

Production of residential houses in skeletal technology, as well as recreational houses and summer houses from solid logs in Finnish and Canadian technology is gaining more and more popularity. Representatives of construction industry can take advantage of the rich offer from the producers of classic, modern and antique window frames and roof elements. In the scope of smaller products, Lubuskie offers... wooden glasses frames.

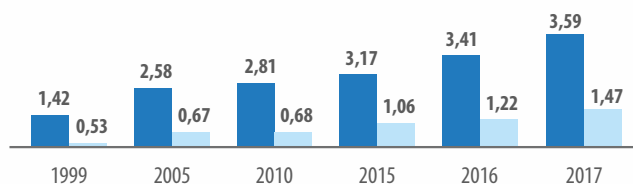
LEADING PARTNERSHIPS AND COMPANIES: from Gorzów Wlkp. „AEK” and Beso Meble; from Gubin: A. Z. Iwanicy Meble Tapicerowane and Z.E.W. Divani Kasprzak; from Krosno Odrzańskie Homanit i Stolhaus; from Skwierzyna: Artur Bujak „DRWAL”, Meble Merda and Lignapol; from Zielona Góra: Stelmet, Agromax, Dual Meble, Jarmel, Polset; from Żary: Kronopol and Alpodach; Steinhoff - Chociszewo, Zielona Góra, Rzepin and Witnica; Iste, Babimost; Ikea Industry, Chłastawa; HfH, Droszków; Sanipol, Międzyrzecz; Jadic, Nowa Sól; Maj-Haus, Rzepin; Elitwear, Santok; „FRANZ-POL” Z.U.H. Sp. z o.o., Sulechów; Świebodzin Fabryka Okien Drewnianych Line; PPHU DREWIT Sp. z o.o., Witnica.



WOOD PROCESSING INDUSTRY AND FURNITURE PRODUCTION IN STATISTICS

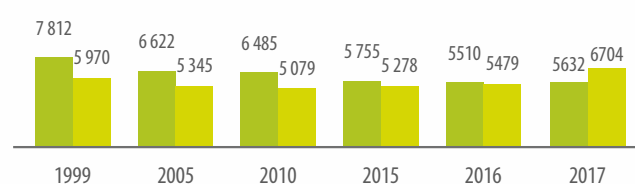
THE VALUE OF SOLD PRODUCTION (BN PLN)

Wood processing Furniture production



AVERAGE EMPLOYMENT (PEOPLE)

Wood processing Furniture production





PRODUCTION OF PAPER AND PAPER PRODUCTS

Producers of Lubuskie offer newer and newer generations of products from various types of cellulose and paper (including woodless) for home and industrial use. This is coated and uncoated paper for booklets, forms, books and envelopes printing.

A group of paper stationery consists of high quality tissue papers, such as: toilet paper, paper towels, wipes, napkins, including those for printing, and furthermore hygienic paper articles for professional use.

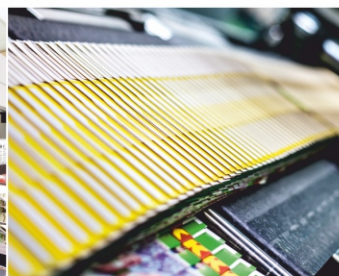
A section of disposable packaging includes various consumer and industrial bags, paper bags and sacks, coated paper, multilayered laminates with and without paper, and medical packaging used in pharmacy, food, cosmetic, chemical and construction industries, as well as in gastronomy and hospitals.

New forms of exposition in chain stores (cardboard racks) and dynamic development of e-commerce industry multiplied the demand for various types of monochromatic and multicoloured, lacquered and glued products from carton, cardboard, as well as mail tubes, which are produced in Lubuskie Voivodeship.

Among the rich offer, there are products covered with patent protection. In 2015, the offer appeared that included increased durability cartons, which are used among others for dynamic packing or storing in extreme climatic conditions. Cones with a container for sauce are also the patent of Lubuskie.

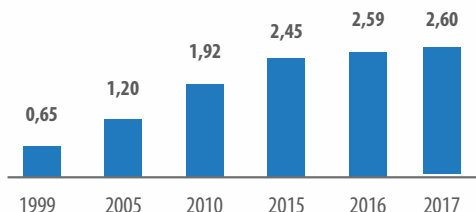
It is worth taking notice that a strong concentration of companies (foreign and national) of this industry occurs in Kostrzyn n/Odrą.

LEADING PARTNERSHIPS AND COMPANIES: from Kostrzyn n/Odrą: Akima, Arctic Paper, Hanke Tissue, ICT, Stenqvist Poland, Unipaco; Smurfit Kappa, Drezdenko; Wokar, Kargowa; Demdruk, Lubsko; Producent Opakowań Tekturowych Piotr Sypniewski, Niegoslów; Karton-Pak, Nowa Sól; Royalpack Tatar, Słone; Lamix, Witnica; VP Polska, Żagań.

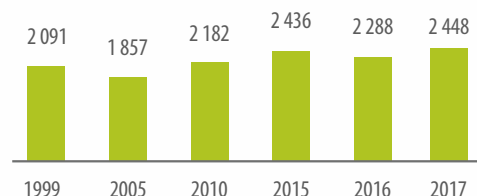


PRODUCTION OF PAPER
AND PAPER WARES
IN STATISTICS

THE VALUE OF SOLD PRODUCTION (BN PLN)



AVERAGE EMPLOYMENT (PEOPLE)





PRODUCTION OF METAL PRODUCTS

A production of metal products is systematically growing in Lubuskie Voivodeship. These are, among others: fixing products, spare parts for machines and devices, containers, steel and aluminium constructions of bridges and for industry and agriculture, transport platforms, cranes, tower cranes and gantry cranes, fences, gates, quick stage scaffolding, precise casts from ductile iron and diecasts from aluminum. Also, metalworking and sheet metal processing, covering metals with coatings, galvanising, nickel plating and chroming for the needs of automotive, household goods and industrial automation industries are offered here. In the scope of smaller products, there are frames, signboards and advertising stands. For the needs of construction industry, pre-insulated pipes and fittings (steel and polyethylene) for underground and ground heating systems, water and sewage

networks and technological pipelines for industry and other pipeline installations are produced here.

Concentration and strong position of metal industry companies led to establishing Metal Cluster of Lubuskie (MCL) with the headquarters in Gorzów Wlkp. The representatives of the Cluster engage in creating modern vocational and higher education systems (mechanical majors, especially welding) and the activity of Gorzów Technological Centre of Scientific-Industrial Park in Gorzów Wlkp. The members of MCL also generate new products for the industry (e.g. bender used in the production of tubular radiators, drilling machines and injection molds).

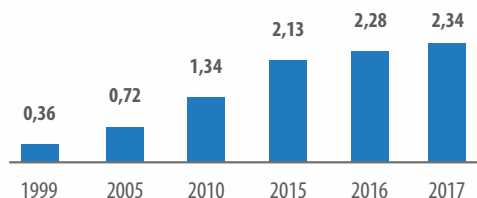
LEADING PARTNERSHIPS AND COMPANIES: from Drezdenko: Famix and Tokar; from Gorzów Wlkp.: Energorem, Fabbro, Holding-Zremb, Gotech, Kowalstwo Artystyczne Karnia and Neofac Poland; from Kostrzyn n/Odrą: Montax and Teleskop; from Międzyrzecz: ZPU Jońca, Polskie Rury Preizolowane and Agos; from Świebodzin: Euro-Box and Rotometal; from Zielona Góra: Darstal and Lubstal; Victaulic Poland, Drezdenko; Linstal, Jasień; M-S & PICO Rusztowania, Małomice; VOIT, Nowa Sól; Stahl-Mont, Słońsk; Meprozet, Stare Kurowo; POM Strzelce Krajeńskie; Roltex, Sulechów; LAMO, Wilkanowo; Galwanizernia, Żagań; PW Produś, Żary.



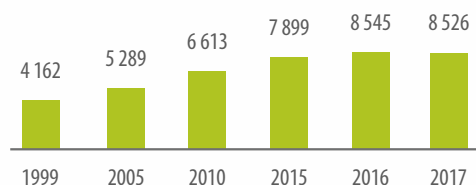
PRODUCTION OF METAL WARES IN STATISTICS***

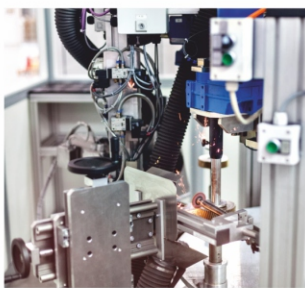
*** in this publication due to the lack of data from 1999 and protection of the data from 2014 and 2015 by statistic secret, the metal production industry, of which the sold value in 2016 equated 1.74 bn PLN, was not included.

THE VALUE OF SOLD PRODUCTION (BN PLN)



AVERAGE EMPLOYMENT (PEOPLE)





PRODUCTION OF MACHINES AND DEVICES

Companies offering a wide range of machines and devices for various purposes have their production in Lubuskie Voivodeship. These are gastronomic devices, including confectionery and baking as well as refrigeration equipment. For the industry, complete transportation systems, production lines, machines and devices for carpentry's production from PVC, aluminum, wood, metallurgy and mining are designed and produced. These are also devices and installations for emulsions and oils filtration, as well as the tanks for flammable liquid, toxic or corrosive materials, also waste sorting and biogas plants. Moreover, there are booms for mobile and crawler cranes, platforms, container bitumen and concrete mix factories, wardrobes, safes, chimney systems and fireplaces.

The offer also includes an interdisciplinary field of building turnkey manufacturing plants and moving the factories for Polish and foreign investors.

The region is unique, with a concentration of companies in Świebodzin, in the production - mainly for export - of devices for thermal and surface metal treatment, as well as melting furnaces.

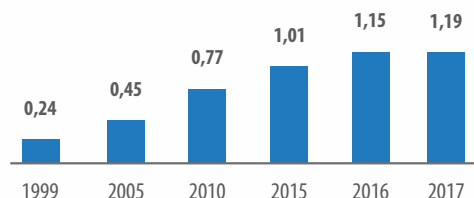
Those devices are used in the production of, among others: car and airplane parts, surgical instruments and coins. They are also used by companies from the tool and electrotechnology industries. The technological advancement is the reason for a significant amount of patents generated by these companies. Moreover, subsequent smaller companies were established around them. They produce furnaces for the thermal treatment of metals, ceramics or other applications, as well as spare parts, and they also offer modernisation services and renovations of furnaces.

LEADING PARTNERSHIPS AND COMPANIES: from Krosno Odrzańskie: Kromet and Krosno Metal; from Gorzów Wlkp.: GFM Cadwit, Goma, Gomad and Mestil; from Świebodzin: Seco Warwick, AMP, Remix and others: Bodycote Polska, Riva, Termas and moreover: LE.KO; from Zielona Góra R&D Tech and Gastro-Tar; from Żary: Classic Dorota Szwabowicz, Magorex, Minowa-Metal, MK and Urban Polska; Intercal, Czerwieńsk; Tekra, Gubin; IdeaPro, Nowa Sól; MPLAB Piotr Janica, Sulechów; ZOM Roczniak, Wilkanowo; ForNature, Żagań.

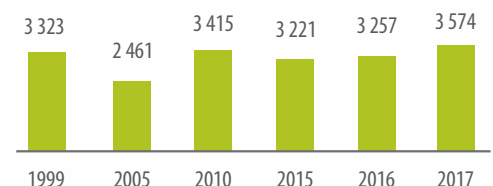


PRODUCTION
OF MACHINES AND DEVICES
IN STATISTICS

THE VALUE OF SOLD PRODUCTION (BN PLN)



AVERAGE EMPLOYMENT (PEOPLE)





PRODUCTION OF ELECTRIC DEVICES

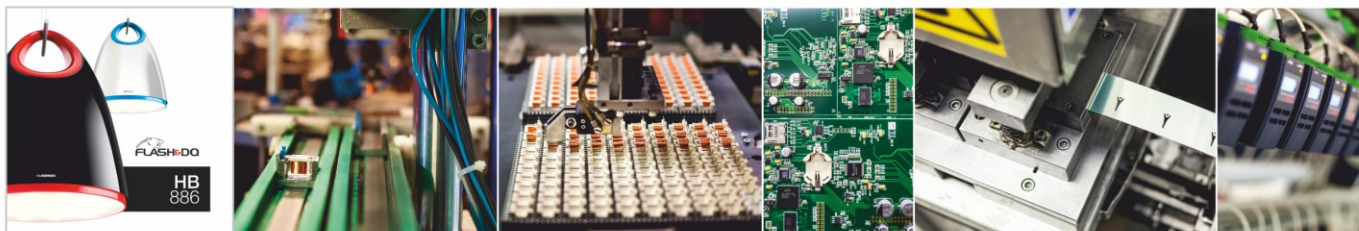
The tradition of electric device production dates back to the 50s of XX century, when the factories of electric meters were established. Nowadays, these are the leading European factories producing relays and apparatus for automatics industry, which are used in power electronics, industrial and consumer electronics, telecommunication, household goods and chemical, metallurgic, food, light and automotive industries, as well as in mining.

Among the typical power devices offered by regional producers, there are various types of cable housings and connectors, innovatory transformer stations, electronic low-voltage distribution devices, control cabinets and consoles for construction and industry. Moreover, there are systems for testing energy consumption and quality of energy measuring apparatus, gases detection devices, heating automatics and automatic fire systems.

More and more companies from Lubuskie provide complex services in professional energy production during the implementation of large investments. Increased demand for cars and electric vehicles made the production and exporting of electric vehicle charging terminals grow along with the conducted scientific research.

Another separate group consists of the producers of indoor lighting equipment (electric lamps, chandeliers, sconces, LED lightings, plafonds) and industrial outdoor luminaries for the illumination of buildings, streets and car parks. They connect modern design with functionality and excellent light parameters. These products are created in their own design studios and are dedicated mostly to individual customers.

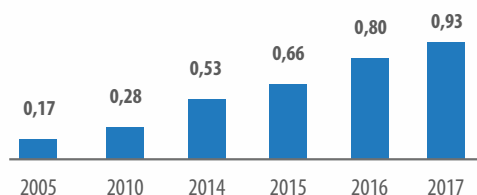
Leading partnerships and companies: from Gorzów Wlkp.: Alkaster, Cantech Polska, Reflect; from Nowa Sól: Hesmo and Octalex; from Zielona Góra: Calmet, Ekoenergetyka-Polska, Elektrosystem, Energotronik Polska, H. Sypniewski, JS Integral, Iglotechnik, LUG, Lumel, Mazel; OBR Nemo; from Żary Multimon Polska and Relpol; Feryster®, Ilowa; Caleg, Lubsko; Conistics Słubice; TEO Technologie Energii Odnawialnej, Strzelce Krajeńskie; Elektrobud, Wschowa.



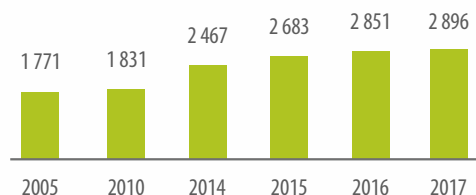
PRODUCTION OF ELECTRONIC DEVICES IN STATISTICS***

*** - statistic indexes since 2005

THE VALUE OF SOLD PRODUCTION (BN PLN)



AVERAGE EMPLOYMENT (PEOPLE)



IT / ICT INDUSTRY



Companies which have been introducing innovative products for IT/ICT industries for many years operate in Lubuskie Voivodeship. Global markets have won hi-tech solutions in Zielona Góra, mainly in paid digital television and interactive television (over 200 patents and over 50 millions of sold devices). Nowadays, this is also software for the Internet and devices in home appliances.

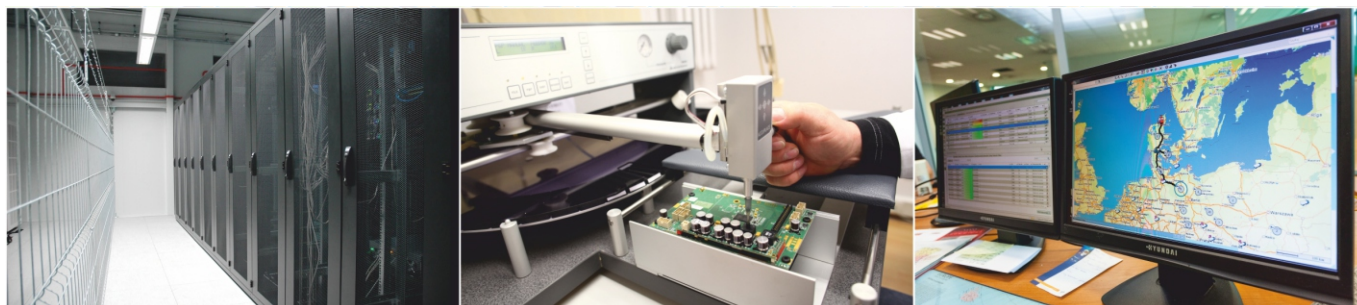
Software for business and ERP systems, network asset management support and real-time locating systems (RTLS) are popular in European and domestic markets. IT specialists from Zielona Góra, with a support of scientists from the local university, proposed a cryptographic system which is used in ICT, e-service and electronic document workflow systems. They also develop the labour-saving solutions for international trading and transport companies, as well as in the sectors of electronic engineering, telematics and the space industry. Digital data archivization is getting more and more popular and provision of cloud computing services is becoming a standard.

An offer of IT companies covers also complex services in the scope of implementation of websites, e-commerce systems, solutions for mobile devices, e-learning, marketing campaigns, etc.

According to the worldwide trends, Lubuskie companies more and more often use e-commerce services. It encourages the internationalisation of companies, enhances the investments in warehouse and logistic infrastructure, allows to extend the commercial offer and multiplies the profit from selling.

Many companies run online selling, e.g: plastics, clothing, machines for agriculture, parts for Porsche cars, etc. Partnerships offering a sale of footwear and leather products or especially offering online currency exchange, won global markets in a very short amount of time.

LEADING PARTNERSHIPS: from Gorzów Wlkp: Gobit, Pageandshop and TPV Display; from Nowa Sól: Sinersio and Teile.com Tomasz Napieralski; from Zielona Góra: ADB Polska, Adips, AKSON elektro, AMB Software, Astec, Apator-Rector, Cinkciarz.pl, Eobuwie.pl, FS Cockpit, Hertz Systems Ltd, Infotech, MetaPack Poland, Proalpha, Streamsoft, Sygnity Business Solutions; PCSoft Systemy Teleinformatyczne, Strzelce Krajeńskie; aPRESS24.pl, Żary.





PRODUCTION OF CHEMICALS AND CHEMICAL PRODUCTS

The production of chemical & plastic products are industries which are firmly ingrained in Lubuskie Voivodeship. Polyamide nonwovens have been produced since the beginning of 50s in Gorzów Wlkp. The development of industry resulted in the fact that currently polyamides are used to manufacture specialized chemicals (the so-called engineering plastics), while the high quality fiber polymers (fine and the finest monofilaments) are used in automotive and machinery industries, haberdashery and architectural fabrics. Also research on usage of fluxes used in the process of submerged arc welding is conducted.

A separate group consists of construction chemical products, which are plasters, outdoor and indoor paints, paint primers and styrofoam-based thermal insulation systems.

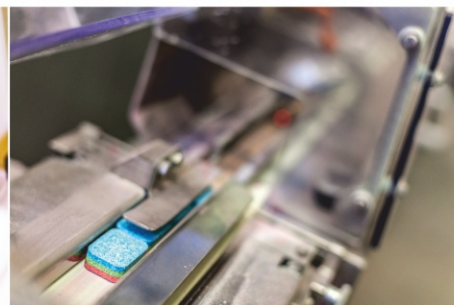
LEADING PARTNERSHIPS: from Gorzów Wlkp.: Calvia, Monosuisse, Polyamide Polska/Solvay Engineering Plastics Poland, Silcare, Stilon, Rhodia; from Zielona Góra: Fast, Marba and Postel Collection; from Żary: Hart SM and Węgier Glass; Ciech Virtosilicon, Howa.

Glass and chemical products are used to manufacture decorative candle lanterns, jars, sodium and potassium water glass, glassy sodium and potassium silicates.

Tempered glass occupies a significant position and besides the automotive industry, it is used in fireplace production, in furniture industry and household goods, as well as in harsh industrial conditions.

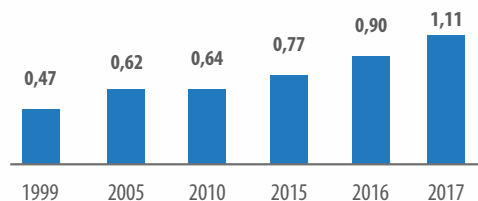
In the scope of home applications, detergents, bath products and cosmetics for hand, body and hair care are produced.

The innovation in UV cured layers and polymers resulted in the fact that Lubuskie is the largest producer of UV gels, which are used in nail care.

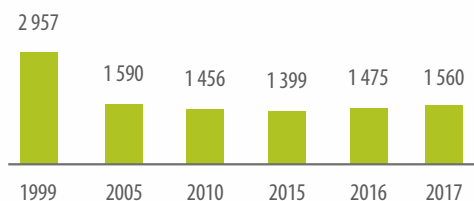


PRODUCTION
OF CHEMICALS
AND CHEMICAL WARES
IN STATISTICS

THE VALUE OF SOLD PRODUCTION (BN PLN)



AVERAGE EMPLOYMENT (PEOPLE)





PRODUCTION OF RUBBER AND PLASTIC PRODUCTS

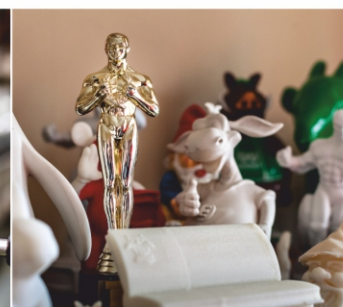
A segment of ready-made plastic products includes packagings (e.g bottles, jars, tubes, screw caps and crown corks) for household chemicals, cosmetic and food industries.

An offer for construction industry and small architecture includes PVC carpentry, e.g patented window solutions (including energy-efficient ones from polystyrene) as well as swimming pools, doors, handles, blinds, plates, floor-coverings, nonwoven fabrics and skirting boards. For external use ready-made playground elements, climbing walls and sliding ramps as well as lighter styrofoam and products from styrofoam are offered.

Plastic goods are also produced for the automotive industry (e.g fairings and sleeping cabins in trucks). In turn the clothing industry uses these plastics to produce protective and specialist clothing as well as electric charge dissipation threads.

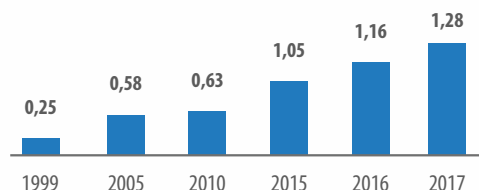
Production of decorative figures from plastics and fiberglass, which is concentrated in Nowa Sól area, deserves attention too. These are: leprechauns, animals and dinosaurs designed for outdoor usage by institutions, companies, private gardens and especially on mass events, including the 4 meter Oscar figures used at the Academy Award ceremony in Hollywood.

Leading partnerships and companies: from Gorzów Wlkp.: Gamaplast and Yetico; from Międzyrzecz: Converis, Essel Propack Polska, Promens Międzyrzecz and Swisspor; from Nowa Sól: Technochem, Malpol, Faz Figury; from Zielona Góra: AJ Group, DreamPen, Novita, Masterchem, PetRing (before: WGM), Rolex; Ciech Vitrosilicon, Howa; NovoTech, Kostrzyn n/Odra; AM Okna, Skwierzyzna; Arpack, Słubice; Sewing Thread Factory Amanda, Sulechów; Gumoplast, Sulęcín; PoliEco, Szprotawa; Elwiz, Świdnica; Ekstruder and VP Polska, Żagań; Unitech, Żary.

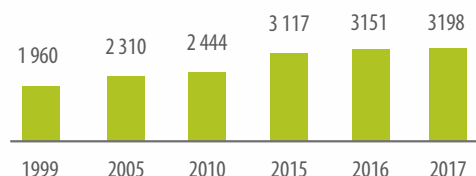


PRODUCTION
OF RUBBER
AND PLASTIC WARES
IN STATISTICS

THE VALUE OF SOLD PRODUCTION (BN PLN)



AVERAGE EMPLOYMENT (PEOPLE)





TRADE EXPORT/IMPORT

A structure of trade is a reflection of industrial production. Products of furniture industry, automotive accessories, machines and devices dominate. Further on, there are goods from wood processing, paper, food, chemical and metal industries. Services in the scope of transport and logistics are also the export commodity.

The Federal Republic of Germany is the most significant trade partner of Lubuskie Voivodeship. Almost 50% of commodity and services exported by the companies from Lubuskie hit on the German market, followed by Italy, the Netherlands and Denmark.

In the scope of import, more than 50% of market share also belong to Germany. Among other countries are Italy, Denmark and the Czech Republic, which have significant positions in the trade market.

Trade in Lubuskie amounted to around 39.13 billion PLN (9.42 billion Euro) in 2016. The Lubuskie Voivodeship has been maintaining the surplus of export over import ceaselessly since 2010. The value of Lubuskie export has increased almost 5 times since 2000. Entrepreneurs of Lubuskie export their commodities to 140 countries and import from 114 countries.

COMMODITY STRUCTURE OF TRADE IN LUBUSKIE VOIVODESHIP

EXPORT:

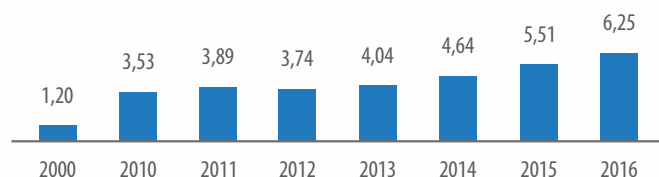
- Furniture and their parts
- Accessories for automotive industry
- Machines and electronic devices and their parts
- Reception apparatus for television, monitors and video projectors
- Electric wires (and from optical fibers)
- Toilet paper, cotton wool, paper and cardboard, etc.
- Aluminum and articles from aluminum
- Polyamides in basic forms/plastic articles
- Beaverboard/chipboard, wood
- Meat and edible offal from poultry

IMPORT:

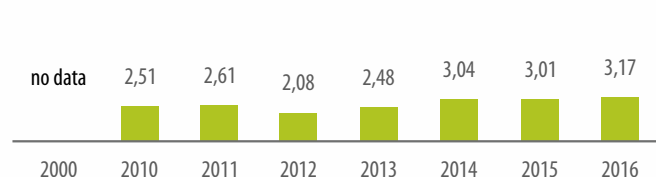
- Machines and electrical appliances, mechanical devices, boilers
- Sound recorders and players
- Plastics, organic chemicals and chemical filaments
- Non-rail vehicles, parts and accessories
- Wood pulp, wood and articles, charcoal
- Paper and cardboard
- Cast iron, steel and aluminum products and articles from base metals
- Mineral fuels, mineral oils, bituminous substances and mineral waxes

VALUE OF TRADE IN LUBUSKIE VOIVODESHIP – BN EURO (ESTIMATED DATA)

EXPORT



IMPORT





SUPPORT OF EXPORT

The Marshal Office of the Lubuskie Voivodeship by the pro-export activity of experts of the **Investors and Exporters Service Centres (IESC)** creates a climate for increasing the level of competitiveness of businesses in Lubuskie and provides access to free information service in the scope necessary to conduct export activity and/or investments outside of Polish borders.

Information from available databases about business partners, foreign markets, sources and procedures of obtaining the measures for export activity financing are shared with entrepreneurs. Thanks to the cooperation with Foreign Trade Offices and worldwide Economic Sections of Embassies and Consulates of Republic of Poland, IESC shares the information about legal and financial conditions of target markets.

Thanks to the actions listed above, it is possible to:

- increase the level of information about foreign markets
- cost reduction of business entrance on foreign market
- increase the level of international economic activity of the companies and competitiveness of their export offer

Since the establishment, IESC has been organising for Lubuskie entrepreneurs cyclic meetings about export development and the investments abroad, where the specifics of worldwide markets are discussed. They mainly refer to European countries, such as Germany, Scandinavia, Italy, Austria, Switzerland, Belarus, Russia, but also the USA and South America countries. The Centre is also a co-organisator of economic missions to such countries as: the USA, Germany, Belarus, Italy, Belgium, Kazakhstan, China and Korea.

A large number of participators in the meetings and economic missions show the scale of interest of Lubuskie companies in expansion abroad and looking for new markets, as well as the level of willingness of businesses to enter the foreign markets. Moreover, IESC is the author of publications entitled *"Catalogue of export products of Lubuskie Voivodeship"*, which is distributed abroad during various types of economic events, seminars, trade shows or conferences.

More information on the website : www.lubuskie.trade.gov.pl





The location of Lubuskie Voivodeship near the German border is an advantage for foreign investments, mainly from western Europe and Scandinavian countries. There is a plenty of reasons why the voivodeship is attractive for investors. Besides the location, staff availability and very well-developed technical infrastructure: road (A2, A18, S3), rail, river and air (Zielona Góra/ Babimost airport) transportation may be listed.

A potential investor has at his disposal many helpful institutions, which advice in establishing the business in the region. These units are not only on a voivodeship level, among which the Investors and Exporters Service Centres (IESC) and the Investor Service Centre (ISC) functioning in the structures of the Department of

INVESTMENTS AND INVESTORS

Entrepreneurship and Brand Strategy of Marshal Office of the Lubuskie Voivodeship are worth mentioning, but also on a regional level, where in particular local centres and investor service offices can be found.

The region offers various investment proposals suitable for the foreign investors' needs. It is possible to combine different forms of help, for example incentives in the Special Economic Zones and tax incentive adopted by the regional councils.

Structural funds from the European Union also may support investments in the region, not only directly, but also indirectly, e.g. by helping to build or modernise the existing infrastructure.



EXAMPLES OF INVESTMENTS FROM RECENT YEARS, COMPANIES:

Furnmaster, Świebodzin (furniture producer)

SDE (Sam Dong), Kostrzyn n. Odrą (metal industry)

Ideal Automotive, Zielona Góra (automotive industry)

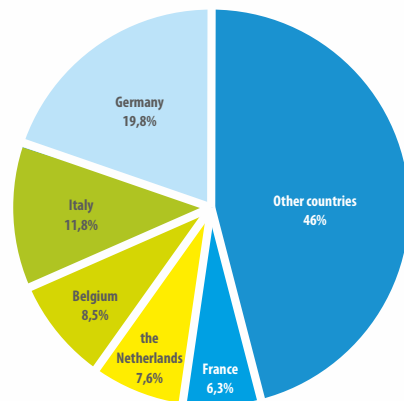
Jeronimo Martins, Gorzów Wlkp.(logistics)

CTPInvest, Iłowa (Logistics, industrial park)

Electropoli - Galwanotechnika, Nowa Sól (metal industry)

A structure of foreign capital (top 5)

Foreign capital in Lubuskie: basic capital entities with a share of foreign capital 2016 – 1,74 bn PLN; investors from 40 countries



Investment areas - Special Economic Zones:

Kostrzyn-Słubice (K-SSEZ), Wałbrzych (W-SEZ) and Legnica (L-SEZ)

In the Lubuskie Voivodeship appealing offers of Special Economic Zones (SEZ) exist. Preferential conditions for conducting a business are possible in three SEZ: Kostrzyn-Słubice SEZ and over twenty of its subzones, one subzone of Wałbrzych SEZ and one subzone of Legnica SEZ.

In SEZ, the entrepreneur who takes up the business activity may take advantage from the CIT exemption in the amount of 35 - 55% of the costs of qualified investments or in the amount of two-year costs of newly hired employees.

Additional privileges in SEZ are: availability of plots fully prepared for the investments with competitive prices, free help with completing the formalities connected to investment, real estate tax exemptions (in the areas of some municipalities).

Offers on the websites: www.ksse.pl ; www.invest-park.com.pl ; www.lsse.eu



THE AREA OF AVAILABLE
WELL-PREPARED
INVESTMENT PLOTS
IN LUBUSKIE
VOIVODESHIP***

SPECIAL ECONOMIC ZONES

568,45 ha

ECONOMIC ACTIVITY ZONES

660,72 ha

WELL-PREPARED INVESTMENT PLOTS (IN TOTAL)

1229,17 ha

ZONES (SEZ, EAZ AND OTHER)

Investment areas - city/municipality economic activity zones (EAZ), industrial parks:

In Lubuskie Voivodeship, the municipalities also offer over 20 attractive and very well-prepared economic activity zones and industrial parks, for example in: Zielona Góra, Gorzów Wlkp, Nowa Sól, Witnica, Żary, Żagań, Sulechów, Iłowa, Międzyrzecz, Ośno Lubuskie, Sulechów, Sulęcín, Szprotawa, Dobięgniew and Gubin.

The most used investment incentives in those municipalities are preferential land prices, exemptions from the real estate tax and tax on means of transport - depending on regional councils decision. The preferences apply mostly to the properties on which the new investments were realised and the new workplaces were created. The amount and the length of exemptions are dependent on the value of the investments, the amount of created workplaces and the size of the entrepreneurship applying for the exemption.

Offers on the websites: www.investinlubuskie.pl ; www.lubuskie.trade.gov.pl



EDUCATION SECTOR

A significant factor influencing the educational offer of upper secondary schools is a well-educated teaching staff, facilities and equipment required for practical vocational training. For this purpose, the systematic workshops, school labs and practical training bases modernisations are conducted.

The teachers are offered various forms of further vocational training and the students have the possibility to take part in special educational programmes and subject olympiads and the best benefit from scholarship programmes.

As an effect of long-standing actions, Lubuskie Voivodeship can proudly present its upper secondary schools, which offer high level of education. In 2016. the region occupied the 3rd position in Poland in terms of Matura (final high school graduation exam) exam pass rate. Moreover, among the 23 high schools of Lubuskie listed on "Perspektywy" List, 12 placed in the first 500 and out of 25 noted technical schools, 7 could be found in the group of 300 best in Poland. Additionally, among 200 the so-called olympiad schools (having the largest amount of laureates and finalists of subject and interdisciplinary olympiads) 9 are located in Lubuskie. These are 3 technical school complexes (with economic, civil engineering and gastronomic profiles) and 6 high schools from Zielona Góra,

Gorzów Wlkp., Żagań and Żary.

The results of students from Lubuskie in thirty editions of Economic Knowledge Olympiads are worth noting. They became laureates and finalists of the above-mentioned Olympiad as many as 244 times, which places the Lubuskie Voivodeship on the first position in Poland. The students of Lubuskie win laurels in humanities, sciences and more and more often in the interdisciplinary olympiads, e.g. Entrepreneurship, Agricultural Knowledge and Skills, and especially Technical Innovations and Inventiveness.

Fitting the educational offer to the needs of the market is a challenge for nearly 170 schools (high schools, technical schools and vocational schools) to which over 31 thousands of students attend. Technical courses, the education in engineering and technology, IT, civil services, business and administration and civil engineering are highly preferred. Finishing education on upper secondary level allows for the option to start work or continue education. The students also have knowledge in setting up and conducting business activities.

Olympiad schools from Lubuskie Voivodeship (according to "PERSPEKTYWY"): from Gorzów Wlkp.: High School nr 2, Technical School nr 3 in Gastronomic Schools Complex; from Zielona Góra: High School no. 1, Technical School no. 3 in Economic Schools Complex, Technical School no 1 in Civil Engineering Schools Complex; from Żagań: High School of S. Banach; from Żary: Catholic High School, Social High School.





UNIVERSITIES

After Matura exam, the students may choose from 6 universities of Lubuskie and 4 out-of-town faculties of other universities with the bachelor, master, postgraduate and doctoral studies (17 major fields). Nearly 15 thousand students study in Lubuskie Voivodeship, including 11.6 thousands in University of Zielona Góra (UZ).

The University offers 63 major fields of study at 13 faculties. The highest noted majors of study which occupy the first ten positions in Polish rankings are: Electrotechnology, Mathematics, Physics and Astronomy. Civil Engineering and Mechanical Engineering should be considered as the outstanding majors.

New major fields of study at the Universities of Lubuskie are: Medicine and Nursing, Law and Administration, Geoinformatics and Satellite Techniques (UZ), Dietetics (AWF ZWKF Gorzów Wlkp.), Tourism and Recreation (AJP Gorzów Wlkp.), Economy and Sustainable Development (PWSZ Sulechów), English and Intercultural Communication in Europe (CP Słubice).

The Lubuskie's universities give an opportunity to lead Polish-German collaborative studies in an international environment and they successively

extend their offer of education in English. This pertains to the major fields, such as: Environment Protection, Computer Science and Econometrics, Mathematics, Physics, Production Engineering (UZ) and International Relations (CP Słubice). Furthermore, the Universities offer learning of Polish language to the foreign students (AJP, Gorzów Wlkp.). The students interested in broadening their intellectual horizons have the possibility to participate in the various types of youth initiatives with the Erasmus+ Programme.

For many years the Universities of Lubuskie have been cooperating with regional and global companies from such industries as: energetics, ICT, mechanic, metal, food technologies and entrepreneurship management. More and more often, the so-called Academies offering the courses prepared by companies (ADB, CISCO, Meta Pack, Microsoft, Perceptus, REC, Siemens and Sinersio) are conducted. The staff educated on the Universities of Lubuskie successfully undertakes work in the industry, services, banking and educational system.

The universities of Lubuskie - from Gorzów Wlkp.: The Jacob of Paradies University (AJP), Higher Education School of Business (WSB), The Eugeniusz Piasecki Poznan University of Physical Education, Out-of-town Faculty of Physical Culture in Gorzów Wlkp. (AWF ZWKF), Higher Education Vocational School (WSZ); from Gościkowo-Paradyż: Higher Theological Seminary (WSD); from Słubice: Collegium Polonicum (CP); University of Zielona Góra (UZ); from Żary: Łużycka Higher Education School of Jan Benedykt Solfa (ŁSW).





LABOUR MARKET

According to the Study of Population's Economic Activity (SPEA) from over 1 million of Lubuskie's inhabitants, 444 thousand are active people and 361 thousand are professionally passive people. The unemployed are included into the professionally active group. The number of people without work decreased from 109.5 thousand people in 2002 to over 21 thousand in 2018 (with the unemployment rate under 6%).

The phenomenon of unemployment shows a strong territorial diversity in the voivodeship. The unemployment rate in the large cities (Zielona Góra, Gorzów Wlkp.) and in an industrialised Ślubiński county amounts less than 3,3%. In the areas of 2 counties, the rate is a two-digit number and it varies from 10,1% to 12,1%. The largest number of the unemployed (nearly 60%) consists of people with vocational, secondary and primary education.

DUE TO THE LARGE DEMAND, JOB OFFERS:

SUBMITTED TO THE COUNTY LABOUR OFFICES ARE ADDRESSED TO:

- Workers executing simple jobs
- Service workers and sellers
- Industrial workers and artificers

AVAILABLE ONLINE ARE ADDRESSED IN THE FIRST PLACE TO:

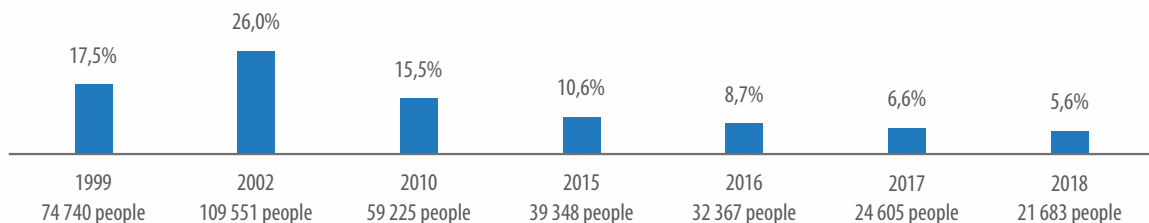
- Technicians and medium level personnel
- Specialists
- Service workers and sellers

Among the active people, the largest number of people find employment in the private sector (74% of employed people). Every fourth employee works in the public sector. Industrial processing provides work for nearly 30% of employees, in trade and car vehicles repair work 17.4% of people and in education 10.6%.

In the scope of division into occupation groups in the region, industrial workers, artificers and specialists are the majority group (17.1% of total each). Other significant groups are operators and assemblers of machines and devices (15.6%), service employees and sellers (13.9%) and office workers (11.5%)



THE AMOUNT
OF UNEMPLOYED
AND UNEMPLOYMENT
RATE





EUROPEAN FUNDS FOR THE DEVELOPMENT OF LUBUSKIE

Within the **Lubuskie Regional Operational Programme (LROP) 2007-2013**, over 1000 projects were realised, which allowed the voivodeship to develop in harmony. Over a half of beneficiaries of the Programme (as many as 565) were entrepreneurship of MSMEs sector. Thanks to the support from LROP, new parks and R&D centres were built and the entrepreneurs implemented investments, which allowed to increase the innovation level of companies and their competitiveness.

Thanks to the realisation of 308 projects of the **Innovative Economy Operational Programme (IE OP)**, the entrepreneurship could purchase innovative technological solutions, introduce the results of R&D works and inventions, use industrial designs and trade models as competitive advantage and increase the level of export. The enterprises developing the services in an electronic form (e-services) and electronic business of B2B type gained a lot of interest.

Regional Operational Programme - Lubuskie 2020 is a tool for implementation of UE Coherence Policy for the years 2014-2020. It predicts the reinforcement of region's potentials causing long-range, smart and sustainable economic development, which will improve the quality of life of the Lubuskie Voivodeship inhabitants. Augmented research and development activity, as well as an application of entrepreneurship' innovations and increase of the level of foreign trade of MSMEs sector will be preferable.

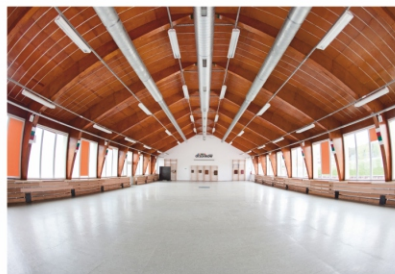
A sectoral analysis of beneficiaries, who have completed the projects with the largest EU subsidy, shows that mainly they have been companies from the following industries: food, furniture, construction, medical and subsequently chemical industry, paper and carton production industry. Local companies of IT/ICT and environmental technologies, metal industry and especially machines and melting devices sectors were active. Applications submitted so far to ROP Lubuskie 2020 show that their beneficiaries formulate innovative solutions and put emphasis on the optimisation and automation of the production processes.

VALUE OF EU SUBSIDY ACCORDING TO PROGRAMMES:

VALUE OF SUBSIDY IN TOTAL

VALUE OF SUBSIDY FOR THE ENTREPRENEURS

LRPO 2007-2013	2,06 bn PLN	308.02 mln PLN
PO IG 2007-2013	-	487.31 mln PLN
RPO-L 2020	3.90 bn PLN/ 906.2 mln EUR	832.98 mln PLN/ 193.7 mln EUR





PARKS AND R&D CENTRES OF LUBUSKIE

The authorities of Lubuskie Voivodeship have recognised 3 key investments in the region. These included: construction of science parks, technological parks and industrial parks. In a short amount of time, the following parks were created and started operation: in Nowa Sól (2012), Gorzów Wlkp. (2013) and Zielona Góra (2014), as well as 2 R&D centres in Kalsk (2011) and Sulechów (2012).

Cooperation between the above-mentioned five innovation centres, academia and entrepreneurship sector resulted in launching in total 146 new products, product innovations, patents, trademarks and utility models. Among others, the customers include: the companies of energy, IT, metal, automotive, plastic processing, environment protecting and food industries, as well as the health sector.

The location of the parks near the industrial zones has also attracted the new investors. Parks, R&D centres, universities and entrepreneurship have been cooperating within Innovation Network of Lubuskie (INL) since 2015, in order to generate patents and commercialise new products.

SCIENCE AND TECHNOLOGY PARK OF UNIVERSITY OF ZIELONA GÓRA (PNT UZ Sp. z o.o.) ZIELONA GÓRA/NOWY KISIELIN

PNT UZ conducts advanced research in 3 centres: The Centre of Sustainable Civil Engineering and Energy, "Technology for Human Health" Innovations Centre and the Centre of IT Technology. Moreover, it introduces the results of scientific research to the industry, which creates new technologies and supports the process of the transfer of technology, promotes innovation and supports start-ups and companies from SME sector.

The results of activity of the centres and Park's residents are numerous cutting-edge products and services. They include: infrastructure for electric vehicles, IT solutions for the military and space industries, anchoring systems for construction, methods of neoplasm detection and moreover, the sale of the graphene for various purposes. An offer for environmental protection industry covers the construction of innovative agricultural and industrial biogas plants, photovoltaic farms and biological sewage farms.

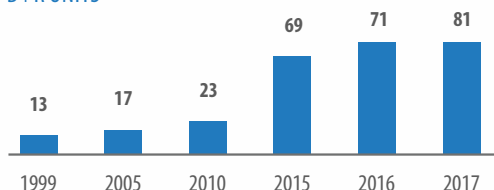
TECHNOLOGY CENTRE SCIENCE AND INDUSTRY PARK OF GORZÓW WLKP. (GOT PNP Sp. z o.o.) GORZÓW WLKP./STANOWICE

GOT PNP specialises in the research and commercialisation of innovative technologies, providing environmental services and moreover, it offers the 3D quality control measuring services for the metal industry. It also promotes sciences among children and teenagers (Young Inventor Club). It supports the SME entrepreneurship on any level of management, conducts office and industry formation, as well as outsourcing of production processes. It cooperates with the science and business on the regional, national and international level.

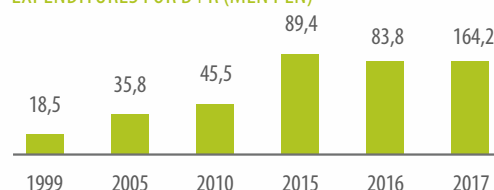
The effects of GOT PNP works consist of developing production technology and composition of biodegradable flower pot made from the compost. GOT PNP also conducted the modernisations of heat and power energy sources by using 3 kinds of thermal pumps and photovoltaic cells. Moreover, a device was constructed - cyklotren with the service of remote personal training provided via the device (inert training and rehabilitation technology).

THE B+R
UNITS OF LUBUSKIE
IN STATISTICS

B+R UNITS



EXPENDITURES FOR B+R (MLN PLN)





REGIONAL CENTRE OF TECHNOLOGY AND KNOWLEDGE, INTERIOR Sp. z o.o., NOWA SÓL

Interior conducts research projects and it also advises, trains, educates and incubates. It provides services in research centres. It rents office space, laboratory space and production space. Interior leads a seed capital fund. It stimulates economic cooperation, creates innovative companies and coordinates the Business Angels Network Interior HUB.

Meeting the demands of metal industry companies in Interior Park, the systems and anticorrosive security processes (e.g. for the thermal and chemical treatment furnaces and in the varnishing industry) were developed. Thinking about the health and quality of life, the innovative technologies for filling reusable packagings with drinking water were developed. Other new products and innovations developed in Interior were introduced by the companies from the following industries: production and 3D printing, polygraphy, automotive, tele-medicine and dietetics industry, as well as in the scope of measuring systems.

RENEWABLE ENERGY CENTRE, SULECHÓW

REC conducts research in the scope of acquiring, processing and distributing renewable energy from different sources, mutual interactions of these sources and widely understood energy effectiveness in different climate conditions.

For the renewable energy market, the Centre proposed and patented new heat pumps (including for educational purposes), systems of thermal energy accumulation, protecting systems for RES installations and designer heating devices (with the SPA function). The Patent Office of the Republic of Poland also received a submission of the devices for fire security in photovoltaic installations and wind turbines with vertical spinning axis.

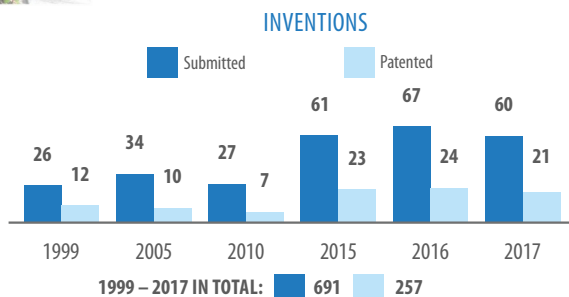
CENTRE FOR INNOVATION AND AGRICULTURAL IMPLEMENTATIONS OF LUBUSKIE, KALSK

The activity of the Centre concentrates on the transfer of knowledge for arboriculture, gardening and food processing (cheesemaking, brewing, meat processing, fruit and vegetable processing). LOIWA solves the technological issues of food producers, provides innovative services, carries out tests and technological trials, as well as laboratory analysis of food and plant material. Cooperation of the Centre with companies resulted in creating new products (*Podpiwek* bread, pastas with vegetables and directed to patenting jams for diabetics).

New recipes of bread with oat and camembert cheeses from goat milk were also developed. Moreover, the Polish Organisation of Trade and Distribution recognised the carrot mousse as a high quality product, awarding the Centre with the Good Product Certificate for its recipe (2016).

PATENTS AND TRADE DRESSES IN LUBUSKIE VOIVODESHIP*

* Data according
to the Patent Office
of Republic of Poland





SMART SPECIALISATIONS OF LUBUSKIE VOIVODESHIP

As a result of research and consultations with such environments as: business, science and business surrounding institutions, the smart specialisations were selected in 2016. These specialisations are the part of the region's innovation policy, which is defined in detail by the Innovations Development Programme up to the year 2020. IDP 2020 combines the tools supporting innovations, entrepreneurship, knowledge and social capital. Increasing innovation and competitiveness of the region by development of new advantages within the chosen areas of the region's smart specialisations should be the effect of implementation of the IDP document.

The compatibility with the IDP document influences the possibility to obtain support, especially within the Regional Operational Programme - Lubuskie 2020, including: Priority Axis 1 - Economy and Innovations, Priority Axis 6 - regional labour market, Priority Axis 8 - cutting-edge education.

Three chosen smart specialisations of Lubuskie are Green Economy, Health and Quality of Life and Innovative industry. They include the following branches:



- Environmental technologies
- Bio-Economy
- Environmental services



- Medical technologies
- Medical services
- Health tourism
- Healthy, safe food
(also regional products)



- ICT industry
- Metal industry
- Automotive industry
- Mining and energy industry
- Wood, furniture and paper industry

Supporting industries:

ICT sector, metal industry providing services for technology area and environmental services, logistic processes.

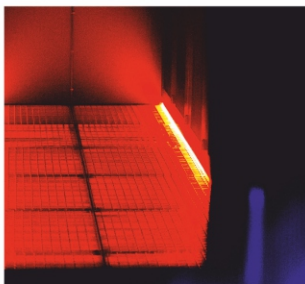
Related industries:

ICT sector, metal industry, logistic processes (e.g. distribution and storing, etc.)



DO YOU KNOW THAT ...

- **Lubuskie Voivodeship** is the most wooded region in Poland - the forests cover nearly a half of the region (49.2%).
- **“Muskau Arch”** is the only global Geopark of UNESCO (2016) in Poland - established in order to protect the end moraine, which is the only structure of this kind visible from space. The total area of the Arch, as a morphological structure arisen around 300-230 thousand years ago during glaciation, equals 170 km² (of which 75 km² is situated in Poland) and a span of the arch arms does not exceed 20 km.
- **ADB** company from Zielona Góra as a first company in the world provided the hybrid decoder for terrestrial television reception (2003). The company has produced over 50 millions of devices and generated over 200 patents.
- **Bomadek** company from Trzebiechów is the largest exporter of poultry meat.
- **Chroma** Sp. z o.o. is the first (since 2009) and the largest online printery in Poland chromadruk.pl.
- **Ciech Vitrosilicon** company from Iłowa is the only producer of DZK-Komfort jars with a clasp closing in Poland.
- **Cinkciarz** company from Zielona Góra is the only business from Lubuskie which was listed on Forbes ranking in first hundred of TOP 100 of Brands, which are the most recognisable in Poland (financial service branch). Cinkciarz.pl is a company which achieves the highest income in Lubuskie Voivodeship - annually around 11 bn PLN (for 2015).
- **CRH** company from Gozdnica is the only Polish producer of yellow clinker brick (trade name SAHARA).
- **Feryster**® Sp. z o.o. from Iłowa is a leading producer providing domestic and European market with the inductive elements (cable glands, inductors and impulse transformers), which were used in the production of 12 millions of electronic and electric devices.
- **ICT Poland** company (Kostrzyn n/Odrą) has the largest machine in the world allowing it to produce a 5.55 m wide paper roll, establishing a new efficiency standards for the whole sector of hygienic tissue.
- **Ikea Industry** is one of the largest producers of furniture in the world, which is the biggest employer in Lubuskie Voivodeship - it employs over 3000 people. The company has factories of light furniture from boards in Chlastawa, Babimost and Zbąszyń. Annual effect of their work is 2 million pallets with furniture, which are distributed by over 23860 cars. The storage space with ready-to-send products is 90 000 m² - which may be compared to 13 football fields.
- **LfC** Sp. z o.o. as the first company in Poland sold a patent in the scope of medicine to the USA (spine implants) in 2007.
- **Lumel** company from Zielona Góra, according to the APA ranking, became the most popular brand in Poland in 2017 - the group of gauges, regulators and recorders.
- **Łużyckie Praliny** company from Lubsco is one of the largest exporter of pralines in Poland.
- **PHU Malpol** from Nowa Sól has produced the largest garden gnome in the world - Soluś (height 5.41 m) made from fiberglass laminate, which in 2009 was entered into the Guinness World Records book.
- **Nestle** company with the division in Kargowa produces daily around 3 million of Lion bars. The second flagship product from Nestle in Kargowa consists of Princessa waffles.
- **Nord Napędy Zakłady Produkcyjne** in Nowa Sól is the most innovative factory of drive systems in Poland.
- **Nordis** from Zielona Góra occupies third position in terms of ice creams and frozen vegetables market share in Poland.
- **Novita S.A.** from Zielona Góra is one of the few factories in the world producing colourful, not dyed non-woven fabrics of spunlace type (water needle punched) characterised by high durability and visual attractiveness.
- **Ovopol** from Nowa Sól is the first producer in Poland of lysozymes as a natural preservatives. Ovopol cracks 3 million of eggs daily to produce the egg powder.



- Annual production of **PGNiG Division** in Zielona Góra is over 700 thousand tones of oil, which gives it the largest share in domestic oil production from land deposits. Moreover, the division mines approximately 4 billion m³ of nitrogen-rich natural gas.
- **PGNiG Division in Zielona Góra** began to regularly provide the gas to power-heating plant in Gorzów Wlkp. in 1999. The use of gas as a fuel for gas turbine producing electric energy and heat is the first project of this type completed in Poland, initialising new era in Polish energetics. Similar project has been realised in the power-heating plant in Zielona Góra (since 2004) and in power-heating plant Arctic Paper in Kostrzyn n/Odrą.
- **Relpol** from Żary is the largest Polish producer of relays.
- 2000 contractor companies from the whole country awarded in 2017 - already for the 12th time - the producer of mineral wool for the thermal and acoustic insulation, **Rockwool** company (Cigacice) with the Title of Construction Brand of the Year for a quality and innovative approach.
- **Seco/Warwick group** as a leading global producer of complete solutions for thermal treatment, according to the Rzeczpospolita newspaper, found itself in the group of ten the most innovative companies in Poland. Seco/Warwick prepares to use the augmented reality glasses from Microsoft - HoloLens. SECO/LENS's application would be the first in Poland and one of the first ones in the world in industrial application.
- **Stelmet Group** from Zielona Góra is the first company in Europe in terms of the volume of production in m³ in the scope of manufacturers of the so-called wooden garden architecture and the second producer of pellets in Poland.
- **Zakład Produkcji Makaronów Sulma Sp. z o.o** from Sulechów as the first company in Poland began the production of Durum pasta with the fresh vegetables, without colourings and preservatives in 2017. The first al.dente FLAVOURS FROM THE GARDEN line offers three kinds of pasta: with kale, carrot and parsley.
- **Swiss Krono** (previously Kronopol) from Żary is the leader in the market of laminate floors production in Poland.
- **TPV Displays** company from Gorzów Wlkp. is the largest European producer of LCD and OLED televisions and PCB boards (in 2015, the production amounted to 4 million of televisions and over 2 million of PCB boards).
- **Vetoquinol Biowet** from Gorzów Wlkp. is a company owned by a family concern, which is the ninth biggest pharmaceutical veterinary company in the world - specialising in the medication in the scope of veterinary medicine.
- The companies which conduct the export of their products to the several dozens of countries, including for example: Swiss Krono to 72, Seco Warwick to 70, LUG to 67 and Ikea Industry to 43 countries, also belong to the group of **leading exporters** from Lubuskie Voivodeship.
- Other leading **innovative companies of Lubuskie Voivodeship**, which submitted the largest amount of the inventions and the utility models in the years 1989-2016, are: Lumel - 84 (75 inventions and 9 utility models), ADB - 74 inventions (national), Seco/Warwick - 30 (26 submitted inventions and 4 utility models), LfC - 22 submitted inventions, out of which 20 were patented. Ciech Vitrosilicon submitted 20 utility models and 5 inventions.





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