podkarpackie

Total area of the voivodeship	17 845 km ²
Number of citizens: - in urban areas	2 127 656 41.56 %
Population density	119 persons/km ²
Voivodeship capital	Rzeszów
Other big cities in the voivodeship	Przemyśl, Stalowa Wola, Mielec, Tarnobrzeg, Krosno, Dębica
Special Economic Zones	 Special Economic Zone EURO-PARK Mielec Tarnobrzeg Special Economic Zone EURO-PARK WISŁOSAN Krakowska Special Economic Zone
Industrial & Technological Parks	 Podkarpackie Science and Technology Park AEROPOLIS Science and Technology Park Rzeszow- Dworzysko Tarnobrzeg Industrial and Technology Park "Stare Miasto - Park" Industrial Park of the Leżajsk Commune Industrial Park Lubaczów
Regional Investor Assistance Centre	Rzeszów
International airport	Rzeszów-Jasionka

Podkarpackie region is located in south-eastern Poland and borders with Ukraine to the east and Slovakia to the south. Its capital is Rzeszow, with the highest ratio of students in tertiary education to the number of inhabitants in EU (353/1000). Due to its favourable location, business friendly areas (Special Economic Zones, Science and Technology Parks, tax incentives) and many clusters (e.g. Aviation Valley, IT Cluster, Plastic Processing Cluster POLIGEN, Eastern Automotive Alliance, Eastern Founding Cluster KOM CAST, Life Quality Cluster) Podkarpackie has established itself as an innovation centre and an investment destination popular among both domestic and foreign companies. The region is highly industrialized and oriented especially on aviation, electromechanical, automotive, biotechnology, IT and chemical industry. Podkarpackie place a profoundly large concentration of aviation industry - almost 90% of Polish production. It is home to the Aviation Valley Association - an unique aviation cluster where numerous global players cooperate with each other - Pratt & Whitney-WSK Rzeszow, UTC Aerospace Systems, Heli-One, PZL Aircraft Mielec – Sikorsky, and MTU Aero Engines to name a few. Moreover, the region offers highly skilled human resources, educated at several universities: public as well as non-public. Existing Rzeszow - Jasionka International Airport and A4

motorway are another advantages of Podkarpackie region. Podkarpackie is ready to welcome investors and facilitate their investments.

Investment opportunities

- closeness of developing markets of eastern European countries
- Eastern border of the EU
- Special Economic Zones, Technology Parks business friendly areas
- large potential in the aviation, IT/ICT, electro-mechanical, automotive and chemical sectors, as well as strong academic background
- dynamically developing cooperation of companies within the "Aviation Valley" Association
- investments many international companies set up in the region
- structure of the population age (young people) that supports the economy development
- well-developed network of NGOs supporting regional development
- well-educated personnel and relatively low labour costs
- competitive prices of attractive investment lands
- well-developed transport network (roads, motorway, railway and flight connections)

Sectors with huge potential

Aviation

- 90% of Polish aviation production concentrated in Podkarpackie Region
- Aviation Valley Association, operating since 2003 gathers entrepreneurs from aviation sector (currently more than 150 members)
- well-developed R&D base
 - o Centre of Advanced Technologies "Aeronet Dolina Lotnicza"
 - Rzeszów University of Technology (Politechnika Rzeszowska)- Machines Construction and Aviation Faculty
 - o Aviation Training Centre of Rzeszow University of Technology, is the only educational facility in the country that enables obtaining a civil pilot license.
 - University of Rzeszow with its Center for Innovation and Transfer of Natural Sciences and Engineering Knowledge
 - o Technical secondary schools with aerospace engineering-oriented classes
- deeply-rooted traditions related to the aviation sector (over 70 years history of aviation industry development), e.g. companies:
 - o "PZL Świdnik"
 - o "PZL Mielec"
 - o WSK "PZL Krosno"
 - o WSK "PZL Rzeszów"

Information technology

- ASSECO Poland leader in IT sector in Podkarpackie Region, the main Polish software developer.
- great-developed R&D base
 - o University of Rzeszow
 - o Rzeszow University of Technology
 - o University of Information Technology and Management
- small companies, located in the region, specialized in complex IT-services for medium and large size enterprises (the most of them were created by graduates of the Rzeszów University of Technology, in '80 and '90), which can be potential supplier's and cooperator's basis.

• Eastern Poland IT Companies Cluster groups persons and entities which contribute to the development of Polish IT sector. Nowadays Cluster concentrates 91 companies and institutions from Podkarpackie Region which main activities are: selling computer hardware, making software or computer networks and manufacturing of 3D-printers. Cluster competencies: cooperation with institutions of higher education, public administration, entrepreneurs, R&D institutions in order to support the implementation of joint investment, exchange of experiences, conducting IT and promotion campaigns, supporting the development of business initiatives and increasing the social knowledge in IT sector.

Life quality

- due to the positive aspects of nature and environment, Podkarpackie is one of the most popular tourist regions in Poland
- the following life quality segments have been developed within the region: recreation (including agrotourism), health resorts and medical treatment facilities, sightseeing, shopping (business) and health care
- favourable microclimate facilitate the development of sanatoriums, mineral springs with medical properties, SPA and wellness services
- development of environmentally friendly technology more and more popular become construction of passive houses, using photovoltaic collectors, water and soil protection, investments in waste management facilities
- support from several institutions: Podkarpackie Regional Tourist Organisation, Carpathian Tourism Cluster, "Health Resorts Pearls of Eastern Poland" Innovative Cluster Health and Tourism, Life Quality Cluster "Podkarpackie Country"

Founding

- Founding Cluster KOM CAST: 24 entities from Podkarpackie, Świętokrzyskie and Lubelskie regions
- founding and welding faculties at Rzeszów University of Technology (Politechnika Rzeszowska)
- advantages of KOM CAST activity, e.g.: cooperation instead of competition, supporting R&D activity, support in obtaining funds from EU

Automotive

- is since 2016 one of the smart specializations of the region (with aviation, life quality and IT/ICT), because of its growing innovativeness in Podkarpackie
- there are more than 160 automotive companies in the region, which makes 6% of total Polish production in this field
- regional technical and vocational schools as well as universities profile itself as a hotbed for talents, offering degree courses connected with automotive
- East Automotive Alliance as a leading actor in supporting of car industry development in Podkarpackie Region (22 members so far)

Economic Potential

Gross domestic product in 2015

	in mln PLN	in %	per capita		
Poland	1 798 302	100	46 764		
Podkarpackie	70 307	3.9	33 050		

Source: Central Statistical Office

	Total	Agriculture, hunting and forestry; fishing	Industry	Constructi	Trade and repair; hotels and restaurants; transport, storage and	Financial and insurance activity; real estate, renting and business	transporta tion and storage
					communication	activities	
Poland	3 471 800	152 115	1 099	63 585	23 258 480	43 796 975	635 450
	888	867	349 368	706			870
Podkarpackie	152 880	7 179 662	48 792	2 462	6 722 269	898 004	33 202
	431		478	277			921

Source: Central Statistical Office

Average monthly gross wages and salaries in enterprise sector in June 2017 (PLN)

Poland	4508,08
Podkarpackie	3656,07

Source: Central Statistical Office

Local labour market

Economic activity of the population aged 15 and more in 2017

	Economically active persons (in thous.)	Activity rate (%)	Registered unemployment rate (%)
Poland	17 207	56,2	7,1
Podkarpackie	920	56,2	10,0

Source: Central Statistical Office

Registered unemployed persons by educational level in I quarter of 2017 (in thousand)

	Total	Higher	Vocational	Secondary	Basic	Lower secondary,
					vocational	primary and
						incomplete primary
Poland	1324,2	175,3	285,5	141,4	350,8	371,2
Podkarpackie	105,9	15,6	26,6	11,0	30,8	21,7

Source: Central Statistical Office

Registered unemployed persons by age in I quarter of 2017 (in thousand)

	Total	24 years	25-34	35-44	45-54	55 years
		and less				and more
Poland	1324,2	170,7	370,6	294,4	236,1	252,4
Podkarpackie	105,9	15,0	32,3	23,6	19,2	15,7

Source: Central Statistical Office

Higher education institutions including non-public higher education institutions

Higher education institutions in 2015/2016 academic year

	Schools		Students (2016/2017)	
	total	total Non-public schools to		In non-public schools
Poland	415	283	1348822	453097
Podkarpackie	14	7	51051	14165

Source: Central Statistical Office

Selected higher education institutions

University of Rzeszów (Uniwersytet Rzeszowski)

<u>selected faculties</u>: administration, biology, biotechnology economics, materials engineering, medicine, philology (Polish, English, Russian, German), physical therapy, physics, graphics, computer science, mathematics, law, agriculture, sociology, food and nutrition engineering, nanotechnology.

Rzeszów University of Technology (Politechnika Rzeszowska)

<u>selected faculties</u>: aeronautics and space technology, automatics and robotics, construction, electronic and telecommunication, electronic engineering, computer science, environmental engineering, mathematics, mechanics and machine construction, chemical technology

University of Information Technology and Management in Rzeszów (Wyższa Szkoła Informatyki i Zarządzania)

<u>selected faculties</u>: administration, computer games development, national security, journalism social communication, economics, European science, computer science, information technology and econometrics, medical secure, sociology, tourism and recreation, public health

University of Law and Public Administration in Rzeszow (WSPiA Rzeszowska Szkoła Wyższa)

State Vocational Higher School in Krosno (Państwowa Wyższa Szkoła Zawodowa im. Stanisława Pigonia w Krośnie)

State Vocational University Jan Grodek in Sanok (Państwowa Wyższa Szkoła Zawodowa im. Jana Grodka)

State Vocational University East Europe in Przemyśl (Państwowa Wyższa Szkola Wschodnioeuropejska)

State Vocational University prof. Stanisław Tarnowski in Tarnobrzeg (Państwowa Wyższa Szkoła Zawodowa im. prof. Stanisława Tarnowskiego)

Selected investors who have invested in the region

Firm	Sector	Location
ASSECO Poland S.A. (Poland)	IT	Rzeszów
OPTeam S.A. (Poland)	IT	Podkarpackie Science&Technology Park AEROPOLIS
UTC AEROSPACE SYSTEMS (USA)	aviation	Podkarpackie Science&Technology Park AEROPOLIS
MTU Aero Engines (Germany)	aviation	Podkarpackie Science&Technology Park AEROPOLIS
Pratt & Whitney Rzeszów S.A (USA)	aviation	Rzeszów
Mondelēz International, Inc. (USA)	food processing	Jarosław
Kronospan Holdings (Austria)	furniture	Mielec
Valeant Pharmaceuticals International (USA)	pharmaceutical	Rzeszów

Olimp Labs (Poland)	pharmaceutical	Nagawczyna
Heli-One (Canada)	aviation	Jasionka
Kirchhoff Polska Sp. z o.o. (Germany)	automotive	Mielec
BORGWARNER Poland (USA)	automotive	Podkarpackie Science&Technology Park AEROPOLIS
Hutchinson (France)	automotive	Zawada (Debica)
Piklington Polska (Great Britain/Japan)	car windscreen production	Chmielów
The Goodyear Tire & Rubber Company (USA)	automotive - tyres	Dębica
Liugong Machinery Poland (China)	steel plant	Stalowa Wola
Heineken International BV (Netherlands)	brewing	Leżajsk
TRI Poland (Japan)	automotive	Zagórz
Magellan Aerospace Poland (Canada)	aviation	Mielec
Uniwheels Production Poland (Germany)	automotive	Stalowa Wola
Thoni Alutec (Germany)	automotive	Stalowa Wola
Husqvarna Poland (Sweden)	outdoor power products	Mielec
Fibrain (Poland)	IT	Podkarpackie Science&Technology Park AEROPOLIS
BSH Bosh und Siemens Hausgerate GmbH (Germany)	electromachining	Podkarpackie Science&Technology Park AEROPOLIS
Safran Transmission Systems Poland (France)	aviation	Sędziszów Małopolski
Lockheed Martin (USA)	aviation	Mielec

Useful addresses

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