

ACENET

Information on The North Moravia and Silesia Region (Czech Republic)

About "name of cluster or region"

Characteristic

In the last century North Moravia and Silesia have become one of the most industrial centres of Central Europe and since that time the region has been keeping this position. The core of this territorial economic complex is created by Ostrava-Karviná industrial agglomeration. The origin and the expansion of industrial production of the territory closely relate to the use of the local mineral wealth and to the traffic development by means of railways. Recently the region has been passing the process of re-structuralisation to promote large scale of industrial activities and development of services of all kinds.

Strengths and weaknesses

Industry:

There is an extensive industrial diversification. Apart from metallurgy and mechanical engineering producing products as for example the parts of cars, pumps, textile machines and instruments there are also wood industry, pharmaceutical industry and chemical industry. This diversification gives wide potential for new industrialization. Technical capabilities of the existing industry are very good and live on the historical traditions. Historically, high technical level is anchored here.

Transport:

Mošnov airport provides basic infrastructure for foreign air services. Technical equipment is very good and there is a potential for further development. Ostrava is situated at the strategic crossing between East and West, between Russia and Germany and between Poland and Hungary at the northeast route. Domestic railway system is very good with a large system of communications and public services.

Environment and Infrastructure:

There are beautiful sceneries in many country districts with broad tourism possibilities. Jeseníky and Beskydy mountains provide opportunities to spend holidays and free time in a pleasant way. There is a potential enabling year-long tourism in winter as well as in summer. Infrastructure of the industrial centre of the region around Ostrava is good.

Manpower:

Workers on all levels are technically advanced and traditionally very skilful. Workers are used to work intensively and there is vibrant "working ethics". Institutional arrangement of work (by means of supporting programs and labor market control) is well developed. University institutions VŠB - Technical University of Ostrava, University of Ostrava and Silesian University provide basic infrastructure contribution to develop human sources.

General Enterprise Conditions:

Elementary transport and infrastructure are available. Many clearly defined business areas are well equipped, e.g. Ostrava and Karviná. Inhabitants are concentrated in the northern core of the region by which the industrial focus is clearly defined.

<http://www.rdaova.cz/RIS/Eng/Ris/Region/ram1.htm>

Short description of main cities:

Ostrava is the largest city in North Moravia and the administrative centre of the region. The first records of settlement date from the 13th century, when the so-called Amber Route, an important trade artery, led through the area from the Baltic coast to the Mediterranean. The settlement started to develop quickly in the 18th century, when high quality black coal deposits were discovered, and the fastest industrial and population growth occurred in the 20th century.

Since 1989 the city's face has changed radically. Ostrava has become an important cultural, trade and sporting centre. Coal mining within the city was stopped in 1994.

Ostrava's fiscal stability is attested by the "A" rating granted to the city by Standard & Poor's. The last few years have also seen a rapid growth in tourist potential, helped by the city's favourable location close to the

Polish and Slovak borders, its wealth of unique industrial architecture and other sights, the rich historical and cultural heritage of the region and the sporting opportunities offered by the nearby mountains and countryside. In terms of population, Ostrava is the Czech Republic's third city, and in terms of total area its second city. It is an important transport centre, with a highly developed public transport network, five railway stations and an international airport at Mošnov. The city's two universities (the VŠB Technical University and the University of Ostrava) have a combined total of over 15 000 students.

<http://www.mmo.cz/ostrava/city.html>

Frydek – Místek. On your tourist but also business trips do not forget to visit the county centre Frydek-Místek – a natural, administration and business centre of the Beskydy Mountains region. The town is situated under the Moravian-Silesian Beskydy Mountains at the confluence of the rivers Ostravice and Morávka, at an altitude 290 m above sea level. At present, nearly seventy thousand people live here. Protected nature reserves Profil Morávky, Kamenec and Kamenná are among the most interesting natural monuments of the area. The town of Frydek-Místek as the name itself already suggests was formed by the merger of two originally independent towns - Místek, located on the Moravian side of the river Ostravice and Frydek, located in Silesia. The town has two squares - the Chateau Square of Frydek and the Square of Freedom of Místek. Both these towns owe their creation to the crossing of an important trade passageway from Olomouc to Cracow. The international road E 462 connecting the North and the South of Europe still passes through the town and crosses here the railway and another road connecting the town Ostrava with its natural recreational area in the Beskydy Mountains. An international airport in Mošnov can also be reached from the town by car in 15 minutes

<http://www.frydek-mistek.cz/eng>

Facts in figures

The region of "North Moravia and Silesia" Czech Rep.

area:	5.554 km ²	78.886 km ²
population	1.278.036	10.304.302
unemployment rate:	14,5 %	8,1 %

Main companies

Walmart, spol. s r.o. <http://www.walmart.cz/>
Optimit, a.s. http://www.semperit.at/eng/e_index_semperflex.htm
ROMO, a.s. <http://www.romo.cz>
Tatra, a.s. <http://www.tatra.cz/>
LANEX, a.s., Bolatice <http://www.lanex.cz/>
OSTROJ Opava, a.s. <http://www.ostroj.cz/>
AutoCont CZ, a.s. <http://www.autocont.cz/>
Nová hut, a. s. <http://www.novahut.cz/>
OKD, a.s. <http://www.okd.cz/>
Severomoravská energetika, a.s. <http://www.sme.cz/>
Severomoravská plynárenská, a.s. <http://www.smpas.cz>
Technoprojekt, a.s., Ostrava <http://www.technoprojekt.cz/>
Vítkovice, a.s. <http://www.vitkovice.cz/>
Hutní montáže Ostrava, a.s. <http://www.hutni-montaze.cz/>
VOKD, a.s., Ostrava <http://www.vokd.cz/>
Biocel, a.s., Paskov <http://www.biocel.cz/>
Válcovny plechu, a.s. <http://www.vpfm.cz/>
Galena, a.s. <http://www.infopharm.cz/galena/index.html>
JÄKL Karviná a.s.
<http://www.rdaova.cz/ris/Eng/Ris/Ris/Metaris/Firmyk/Details/47672781.htm>
MSA, a.s. <http://www.msa.cz/>
Pivovar Radegast, a.s.
<http://www.rdaova.cz/ris/Eng/Ris/Ris/Metaris/Firmyk/Details/14613603.htm>
Siemens Elektromotory s.r.o.
<http://www.rdaova.cz/ris/Eng/Ris/Ris/Metaris/Firmyk/Details/60465123.htm>
TCHAS s.r.o. <http://www.no-crack.cz/business/tchas.htm>
Tonak, a.s.
<http://www.rdaova.cz/ris/Eng/Ris/Ris/Metaris/Firmyk/00013226.htm>
Trinecké železářny, a.s. <http://www.moravia-steel.cz/>
Železářny a drátovny Bohumín a.s.
<http://www.rdaova.cz/ris/Eng/Ris/Ris/Metaris/Firmyk/47672412.htm>

Research Institutions

AGRITEC, výzkum, šlechtění a služby, spol. s r.o.

Research of genetics and breeding methods of technical crops (linseed, flax, hemp) and legumes, development of new varieties with different qualities, research of growing technology and integrated plant protection, utilization of technical crops and legumes. (<http://www.agritec.cz>)

JINPO PLUS, a.s.

Complete supply of material and components for heavy and industrial power & energy, assembly and reconstruction of boilers, heat exchangers, reconstruction of steam and water piping. Production of pipe bends & steel structures. Sales & service of welding equipment & technology of ESAB. Research & Development in the field of welding technology, heat resistant high strength steel and abrasive wear resistant steel. (<http://www.jinpo-plus.cz>)

Nová hut, a.s. Výzkumný a zkušební ústav

R&D of new steel production technologies, non-destructive testing methods, new materials, metallurgy (<http://www.novahut.cz>)

OSEVA PRO, s.r.o., OZ Výzkumná stanice travinářská Zubří

Research activities in genetic resources of grasses, breeding, seed

multiplication, fodder production, lawn and turf usage, alternative uses of grass. Research activities of oil crops: genetic resources, breeding

PRAMET TOOLS, s.r.o. oddelení výzkumu a vývoje

R&D of new materials, products and technologies for powder metallurgy
(<http://www.pramet.cz>)

Trinecké železářny, a.s., TT-technologie a výzkum

Applied R&D in the area of these technologies – production of coke, pig iron, steel and rolled materials including ecology, improvement of production quality and introduction of new products in these areas (<http://www.trz.cz>)

VÍTKOVICE - Výzkum a vývoj, spol. s r.o.

R&D activity in steelmaking, forging and rolling of steels, material research and material properties testing, research and service in analytical methods in chemistry, emission monitoring (<http://www.vitkovice.cz>)

VÚHŽ, a.s., úsek 2, Metalurgie a Materiálové inženýrství

Development in the field of ironmaking and steelmaking and metallurgical products. Wire and wire products, development in foundry, development of equipment for automation of metallurgical operations. R&D in environmental protection (<http://www.vuhz.cz>)

VVUÚ, a.s.

R&D in the field of stability of mine and subsurface engineering constructions, R&D in the field of effects of harmful materials on environment and in the field of mine safety and hygiene during mining, technology of mining
(<http://www.vvuu.cz>)

VSB – Technical University of Ostrava

(http://www.vsb.cz/en/vitejte_ewel.htm)

University of Ostrava (http://www.osu.cz/ou_1e.htm)

Silesian University (<http://www.slu.cz/indexen.htm>)

Business School of Ostrava (<http://www.eco.cz/vsp/eng/index.htm>)

Education (universities and colleges)

Co-ordination

In the ACENET project The North Moravia and Silesia Region is represented by one of organisations supporting establishment of new SME´s, R&D and technology transfer, Science & Technology Park Ostrava.

Vedecko-technologický park Ostrava, a.s.

Jaromír Dudek

17. listopadu 2172/15

708 00 Ostrava-Poruba

Czech Republic

Tel.: +420 69 699 6304

Fax: +420 69 699 6159

e-mail: vtpo@vsb.cz

<http://www.vtpo.cz>