Sverdlovsk region is a large Russian territory, notable for dynamic development of the infrastructure and economy, diplomatic and cultural connections.

The image of the Sverdlovsk region keeps changing due to the constant development of international relations, which is promoted by presence in Ekaterinburg of more than twenty diplomatic and economic missions of foreign states.

Holding the Summit of the heads of states — members of the Shanghai Cooperation Organization and the international alliance BRIC in Ekaterinburg is an appreciation of the Sverdlovsk region’s contribution into the development of cooperation between the Russian Federation and the countries — members of these organizations. Within a short time the region became a leader of the foreign economic turnover. The SCO Summit changed its positioning in the world, increased its repute and status.

The choice of Ekaterinburg as a place for holding the SCO Summit was conditioned not only by its unique geographical position on the border of Europe and Asia, but also by the fact that the Middle Ural is becoming a more and more significant center of the Eurasian space, rapidly integrating into the world economy.
An excellent infrastructure created in the capital of the Middle Ural is ideal for holding in Ekaterinburg activities of the international scale in different formats and various geopolitical spheres.

The international Koltsovo airport is the biggest regional air gate of Russia. Over 30 Russian and foreign partner airlines connect Ekaterinburg with more than 80 cities of the world, and through convenient transfer points — international hub airports — practically with the whole planet.

Koltsovo airport does not just comply with all the world standards, by technical equipment it is one of the leaders in the country. By the volumes of passenger transportations it takes the third place among the airports of Russia after the Moscow aviation junction and the Saint-Petersburg Pulkovo airport.

Successful modernization of the airport complex, efficiently carried out aviation strategy, step-by-step development of the overland transport infrastructure — all this allows Koltsovo to make its significant contribution into improvement of the Russian air-transport branch and to be closer on the way to the hub.
General information about the Sverdlovsk region

Geography

The Sverdlovsk region is situated on the border of Europe and Asia, at the junction of two big physico-geographical complexes. Its area is 194,8 thousand sq km (1.1% of the area of the Russian Federation, 20th place in RF). The western part of the region is situated mainly on the eastern slopes of the not nigh Ural mountains — from 700-800 to 1 569 m — the Konzhakovsky Kamen mountain. The extreme south-west of the region is located within the boundaries of hilly Pre-Urals, and the whole east of the region reaches the western margin of the West-Siberian lowland.

The main part of the region is covered by taiga, in the mountain area it’s mostly dark coniferous taiga, and on the plain prevail pine forests, which in the south of the region turn into the aspen-birch woods with areas of forest-steppe. The region’s soils are typical for the forest and forest-steppe zones. The southern part of the region is developed, whereas the northern one is not much populated and changed.

The largest rivers of the region are Tura, Chusovaya, Sosva, Iset; 173 sources of drinking water have also been discovered, which may daily give up to 1 408 000 cubic m of drinking water, considerably increasing the reserves of water resources. Forests and numerous water sources create favorable conditions for the development of tourism. Besides, on the territory of the region there is a national park Pripyshminskiy bory, Visimsky reserve and the Denezhkin Kamen reserve. Within the boundaries of the region there are more than 1 900 various species of plants and about 212 kinds of different animals and birds.

Climate

The region is situated in the area of the moderate climatic zone. The climate is continental. The average temperature in January -13,5°C. The average temperature in July +20,9°C. The amount of precipitation is about 500 mm per year.

Population

There are about 90 nationalities living on the territory of the region. The main part of the population are the Russians (88,7%). There are also the Tatars (3,9%), Ukrainians (1,8%), Bashkirs (0,9%), Germans (0,7%), Mari (0,7%), Byelorussians (0,6%), Udmurts (0,5%), Chuvashs (0,3%), Mordvinians (0,3%) etc. The population density in the region is 23 persons per 1 sq km. Total population is 4 489,8 thousand (3,1% from RF, fifth place in RF).
Total population 4,489,8 thousand

Area 194,8 thousand sq km

Administrative structure of the Sverdlovsk region
- Northern district
- Gornozavodskoy district
- Western district
- Eastern district
- Southern district
Mineral and raw materials resources

The Sverdlovsk region is the richest area in Russia by the reserves of mineral raw materials and takes the second place in the country by the industrial output.

On the region’s territory the Ural is situated — a mountainous country with ancient subsoil and rejuvenated relief. The vast Ural metallogenic complex is one of the most massive ones in the world. The Ural is the richest region of Russia by the reserves of mineral raw materials, more than 12 000 deposits have been discovered here. Practically all elements of the Mendeleev periodic table are represented, the stocks of many of them are great enough to provide for their profitable development in the industrial scales. The diversity of the mineral raw materials reserves available in the Sverdlovsk region includes iron, nickel, chromium, manganese and copper. The region is rich in gold, platinum, asbestos, bauxites. The most well-known deposits are: iron ore — Kachkanarskoye, Kytlymskoye, Visimskoye; copper ore — Krasnouralsk, Kirovgrad, Sredneuralsk groups; coal — Bogoslovsky, Severo-Sosvinsky, Bulanash-Yelkinsky fields; asbestos — Bazhenovskoye; talc — Shabrovskoye; gold — Berezovskoye.

The region extracts 82% of refractory clay, 70% of bauxites, 61% of asbestos, 23% of iron ores, 97% of vanadium, 8% of copper, 14% of nickel in the cumulative balance of the raw materials in Russia. Exploration of subsoil concerning oil and gas is under development. Oil and gas-bearing deposits are located in the south-west and north-east of the Sverdlovsk region.

Forest resources

More than 80% of the Sverdlovsk region’s territory is covered by forests. The total area of the forest fund on the territory of the Sverdlovsk region makes up 16 million hectares. 64.7% of the forest-covered area is occupied by coniferous woods (pine and spruce forests).

The timber industry is mainly developed in the northern and north-eastern districts of the region. The age structure of woods in the Sverdlovsk region is uneven. The main forest-forming kinds are pine and birth, accounting for 36.8% and 31.2% of the wood covered area, respectively.

Only 35% of the whole output is processed. This situation is explained by the insufficient processing base in the region. The demand for semi-finished and finished products is quite high among the prevailing western buyers of timber and produce of the timber industry.

Water resources

The main sources of water supply are the water storage basins of the region. The total reserves of ground waters make up about 1 460 thousand cubic m per day, but their use is still negligible, that’s why it’s a prospective reserve. On the region’s territory there are 15 perspective deposits (areas) of mineral waters, which may be used for sanatorium-and-spa treatment and as medical and table waters.

Timely reproduction of the waterworks facility system of the Sverdlovsk region, including more than 400 ponds, allows to keep the favorable and usual environment for the population of the Sverdlovsk region. Preservation of urban and rural water reservoirs permits to maintain the established level of ground waters and enables the population to use the surface water resources for different household and domestic purposes, amateur fishing, recreation etc.

In spite of the huge potential of hunting facilities and fishing industry (65 thousand hectares of the fish lakes’ surface, 35 thousand hectares of ponds and water reservoirs, 5 thousand hectares of rivers and 12 million hectares of forests), the potentials of these branches of economy in the region are still not used significantly.

Land resources

The lands of the forest fund make up 69.9%, lands of settlements — 3.6%; lands of industry, transport, communication and other purposes — 2.2%; lands of the environmental purpose — 0.5%; lands of the water fund — 0.5%; stock lands — 1.9% of the Sverdlovsk region territory. Lands of agricultural purpose occupy 21.4% of the Sverdlovsk region territory. The area of agricultural grounds within the structure of the lands of agricultural purpose occupies 13.6% of the region’s territory.
More than 12,000 deposits have been discovered.

Forests 16 million hectares

Reserves of ground waters about 1,460 thousand cubic m per day.
Economy of the Sverdlovsk region

5th place in Russia by the volume of the GRP

<table>
<thead>
<tr>
<th>Region</th>
<th>GRP 2008 (billion Rubles)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Moscow</td>
<td>8.84</td>
</tr>
<tr>
<td>Tyumen region</td>
<td>3.14</td>
</tr>
<tr>
<td>Moscow region</td>
<td>1.68</td>
</tr>
<tr>
<td>Saint-Petersburg</td>
<td>1.42</td>
</tr>
<tr>
<td>Sverdlovsk region</td>
<td>0.944</td>
</tr>
<tr>
<td>Tatarstan Republic</td>
<td>0.923</td>
</tr>
<tr>
<td>Bashkortostan Republic</td>
<td>0.749</td>
</tr>
</tbody>
</table>

High ratings

BB, forecast “Stable” (Standard & Poor’s)

Ekaterinburg takes the third place among the “Best Russian cities for business” by the estimation of Forbes 2010

Rating among the regions of Russia

<table>
<thead>
<tr>
<th>Category</th>
<th>Rank</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume of shipped goods of own production</td>
<td>6</td>
</tr>
<tr>
<td>Retail trade turnover</td>
<td>4</td>
</tr>
<tr>
<td>Wholesale trade turnover</td>
<td>4</td>
</tr>
<tr>
<td>Investments into the capital stock</td>
<td>9</td>
</tr>
<tr>
<td>Foreign investments</td>
<td>8</td>
</tr>
</tbody>
</table>

Finances

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Regional budget for 2011</td>
<td>123,375 billion Rubles</td>
</tr>
<tr>
<td>Investments into the capital stock in 2009</td>
<td>201.3 billion Rubles</td>
</tr>
<tr>
<td>Foreign investments in 2009</td>
<td>1,367 billion dollars</td>
</tr>
</tbody>
</table>

The structure of the volume of shipped goods and executed works by the main kinds of industrial activity in 2009 (in % to the total volume)

- Production and distribution of electric power, gas and water: 44.8%
- Extraction of mineral resources: 14.8%
- Processing productions: 4.8%
- Metallurgical complex: 44.8%
- Machine building complex (with the defence-industrial complex): 18.5%
- Others: 17.1%
1 Establishing the economic zone of industrial-production type “Titanium valley” (Special economic zone “Titanium valley”) on the territory of the Verkhnesaldinsky city district of the Sverdlovsk region

The following branches and kinds of activity, development of which is expedient on the territory of the Special economic zone have been determined as priority ones: aircraft building, machine building, power machine building, chemical machine building, mechanical processing production, foundry, instrument making, namely:

■ Manufacture of titanium semi-finished products, shaped casting out of titanium, aluminum and magnesium alloys for the aircraft building, medicine, shipbuilding, hardware out of high-strength titanium alloys.
■ Manufacture of components for the aircraft building, including production of parts for planes and other kinds of aircrafts.
■ Manufacture of capacitive, heat-exchange and other equipment for the plants for purification of water, drains, smoke discharges (equipment operating in hostile environments).
■ Organizing productions, assembling equipment for power engineering, chemical industry, medical technology etc.

Residents of the Special economic zone will be provided with considerable tax benefits, namely: 0% property tax rate, 0% land and transport tax, 15,5% profit tax rate, and they will also enjoy the conditions of the free customs zone. It will be allowed to import foreign goods without any custom duties and VAT charged.

Besides:
■ accelerated amortization with factor 2;
■ no restrictions concerning transfer of losses to the future period;
■ accelerated procedure of accepting costs for R&D.

Residents of the Special economic zone will be provided with considerable administrative support: getting the necessary approvals and permits will be carried out in the “one window” mode.

2 Constructing a plant for manufacture of high-quality petroleum products on the territory of the Sverdlovsk region

Project initiator — “Verkhotursky NPZ” Ltd.

Project aim — construction of the up-to-date petroleum refinery on the territory of the region, with annual capacity of 3 million tons of oil and 3 billion cubic meters of natural gas.

Project tasks:
■ construction and commissioning of plants for primary processing of oil, hyrofining and general plant facilities;
■ construction of plants and commissioning of secondary refining processes, aimed at the depth of processing and increasing the quality of manufactured produce up to Euro 4, Euro 5;
■ construction and commissioning of the plant for the synthesis of liquid fuel on the base of natural gas. Fischer-Tropsch process) and pyrolysis units for getting petrochemical products (ethylene, propylene, butylene, divinyl etc.).

The main financial indexes of project:
■ Internal rate of return (IRR) — 32.7%
■ Net present value (NPV) — 195.4 billion Rubles;
■ Discounted payback period — 3.2 years

Total amount of investments into the project: 72.0 billion Rubles.

Pre-project marketing studies have been carried out. The main technical approvals have been done on the regional level. Positive expert report has been obtained from the State ecologic expertise concerning the site of the plant. A land lot (50 hectares) for the refinery construction has been allotted and lease procedures completed. Oil samples were taken from the place of supposed inset into the main oil pipeline and analysis was performed to determine the chemical and mechanical properties of the raw material. Principal technologic scheme of the plant and mathematical model of technological processes have been worked out. Cost-performance calculation has been prepared. Confirmation about the possibility of the refinery’s provision with crude oil has been received. Operation of VTNPZ offices in Serov, Ekaterinburg, Moscow has been organized.
3 Creation of the chemical cluster on the territory of the Sverdlovsk region — Chemical park “Tagil”

**Project initiator** — JSC “Uralkhimplast”.

**Project aim** — creation of the full-fledged industrial chemical park, similar to the European ones, with chemical branch as a key direction.

**Project tasks:**
- creation and maintaining of operation capability of the necessary infrastructure for manufacture of chemical products, ensuring diversification of the region’s economy;
- setting up the own complex for processing of natural gas, being one of the innovation areas in processing and use of primary raw material component — natural gas, allowing to increase the efficiency of using natural resources and provide for export diversification;
- widening of production ground and setting up the infrastructure for “Greenfield” projects with involvement of Russian and foreign partners;
- ecological aspect of industrial production, due to modernization and introduction of ecologically pure (waste-free) technologies, application of modern high-performance systems of water and air purification, recycling of wastes;
- strengthening positions of the enterprises of the Sverdlovsk region in the markets of Russia, Ukraine, Belarus, Kazakhstan and other republics of the former USSR, as well as in the foreign markets;
- providing for a whole complex of services to increase the profit received from the use of synergy effect.

Nizhniy Tagil situated in the center of the Sverdlovsk region combines several advantages for placement of the chemical industrial park:
- proximity to the sources of cheap chemical raw materials and energy;
- interposition between the sales markets;
- developed power and transport infrastructure;
- qualified and inexpensive labor resources;
- availability of the basic chemical complex - JSC “Uralkhimplast”;
- the project is supported by the regional and municipal authorities.

4 Organizing complex manufacture of substance and drug products of genetically engineered human insulin according to requirements of GMP EC and GOST P52249-2004

**Project initiator** — “Plant Medsynthesis” Ltd.

**Project aim** — organizing the import-substituting industrial complex, providing for a whole cycle of manufacture of substance and drug products of genetically engineered human insulin according to requirements of GMP EC.

**Rated capacity of productions:**
- 7267,5 billion IU of genetically engineered insulin per year
- 400 kg of substance of genetically engineered insulin per year
- 21,5 million packages of infusion solutions per year.

**Term of project implementation** — 2 years.

**The main financial indexes of the project:**
- internal rate of return (IRR) — 37,3%
- net present value (NPV) — 2884 million Rubles.
- discounted payback period — 5,3 years.

**Total amount of investments into the project** — 3,14 billion Rubles.

The marketing studies of the project have been carried out.

The 1st stage of project has been implemented — manufacture of drug products of genetically engineered human insulin out of imported substance has been set up, certified by standards GMP EC.

Initial data have been worked out for elaboration of Requirements specification for design of production of the substance of genetically engineered human insulin.

Specifications for manufacturing of technologic equipment have been worked out.

2 buildings were purchased with the area of 9960 sq m and 3000 sq m, loads survey of buildings has been carried out.

Data for design of sanitary-protection zone have been prepared.

Data for getting the Requirements specification for energy carriers have been prepared.

Technology specialists have been selected for all stages of the substance production.

Feasibility report and business-plan for project implementation have been prepared.
5 Organizing highly competitive production of original domestic viricide TRIAZAVIRIN for treatment of complicated cases of viral infections

Project initiator — “Plant Medsynthesis” Ltd.
Project aim — organizing highly competitive production of original domestic viricide TRIAZAVIRIN for treatment of complicated cases of viral infections (including pig and bird flu, hepatitis C, tick-borne encephalitis and others) and ensuring medicinal safety of the Sverdlovsk region and the Russian Federation in general in the socially important sphere — providing the population with essential viricides.

The main financial indexes of the project:
- internal rate of return (IRR) — 39%
- net present value (NPV) — 4,738 billion Rubles.
- discounted payback period — 4.8 years.

Total amount of investments into the project: 2.06 billion Rubles.

The I stage of clinical researches of the ready medicine TRIAZAVIRIN has been performed, positive report of the Committee on Ethics by the Roszdravnadzor was received for conduction of the II stage of clinical researches and given to the Scientific-research institute of flu (NII of flu) of the Russian Academy of Medical Sciences (Saint-Petersburg) for conduction of the II stage of tests.

Buildings have been bought for placement of section for the synthesis of substance TRIAZAVIRIN. Requirements specification has been elaborated for design of the section for the synthesis of substance. Agreement has been achieved about the synthesis of semi-products, necessary for the synthesis of substance.

Feasibility report and business-plan for project implementation have been prepared. The project has successfully undergone expertises and was included into the list of first-priority activities of the Innovation fund “Skolkovo” (Registration certificate № 1100012 from December 14, 2010) and into the Register of advanced projects in the field of pharmaceutical and medical industry of the Ministry of industry and trade of RF (Protocol No CL/13-2630 from 24.05.2010).

6 Creation of ingots production out of high-duty cast iron

Project initiator — JSC “Pneumostroymashina”.

Production will use technological equipment of companies Heinrich Wagner Sinto, ABP Induction, Laempe, which will allow to get ingots out of high-duty and grey cast iron of stable quality and geometry in sand-and-clay molds. Precision of ingots will comply with the 8th class since it’s a machine building assembling production with a considerable engineering component.

For project implementation “Polimet” Ltd. was founded (100% affiliated enterprise of JSC “Pneumostroymashina”).

At present “Polimet” Ltd. has purchased an industrial ground consisting of 9 real estate facilities, including the main production block — 34 thousand m2, land lot — 108 thousand m2, initial complex of construction and assembling works has been carried out, necessary for functioning of the iron casting production. The industrial ground is equipped with appropriate engineering services: gas, water, sewage, electricity. The cost of the property complex makes up 597,4 million Rubles.

With the aim of attracting additional investment resources for completion of project implementation, it is proposed to establish a JSC with the authorized capital 1 870 million Rubles. “Polimet” Ltd. will be among the founders, its share making 32% of the Company’s authorized capital.

7 Construction of the plant for manufacture of foundry equipment (complete automatic lines)

Project initiator — Closed JSC “RELTEK”.
Project aim — organizing production of the up-to-date high quality foundry equipment for foundries of the Sverdlovsk region and the Russian Federation.

The project proposes construction of the plant in the Sverdlovsk region on the territory of the Western administrative district in the Eastern industrial zone of the Polevskoy town, on the base of the industrial ground of the “Plant of power machine building” Ltd., member of the group of companies of Closed JSC “RELTEK”.

The industrial ground is situated on the land lot with total area of 6 thousand sq m. There is a possibility of widening the territory. The ground allocated for the plant construction is 2.5-3 km away from the apartment blocks and water reservoirs. Besides Polevskoy, the nearest settlement to the plant is a village Kosoy Brod.

With the aim of bringing the manufactured foundry equipment up to the world standard, as a strategic partner was chosen the company Euromac (Italy), a leading firm in the sphere of design and production of foundry equipment.

Capital investments related to the main production will make up about 20 million euro.

Implementation of the abovementioned project will allow to create the only enterprise in Russia producing complete foundries and to eliminate the dependence of machine building in RF on the import of foreign foundry equipment.

Besides, the project is socially significant, since it will provide for additional creation of up to 100 working places. Placement of the plant for manufacture of foundry equipment on the same production ground with the regional center of thermal processing and casting will create the necessary base for attraction of highly qualified specialists.

The project does not worsen the ecological situation in the region, since it’s a machine building assembling production with a considerable engineering component.
Creation of production complex for manufacture of drilling rigs of the latest type on the base of “Bulanashsky machine building plant” Ltd

Project initiator — Industrial group “Generation”
Production ground — “Bulanashsky machine building plant” Ltd.
Project aim:
- Production modernization of JSC BMZ, installation of specialized equipment, construction of ground for fit-up and tests of drilling rigs.
- Manufacturing and tests of series of the up-to-date hi-tech drilling complexes.
- Putting the new modifications into serial production, bringing production capacity up to 10 machines per year.
- Renewal of the outdated stock of domestic drilling rigs with average and high load capacity.

According to the investment project, up to 2014 the enterprise is planning to create about 500 working places, to increase production capacities up to 10 drilling rigs per year, to bring the production output up to 7 billion Rubles per year.

The enterprise elaborated design of the up-to-date drilling rig BK 320 MKS-ch. Advantages of design of the new model of drilling rig:
- Reduction of costs due to:
  - decreasing the dimensions of the dumped area;
  - decreasing the number of transport units;
  - short period of installation;
  - increased speed of the well drifting;
  - use of energy-saving systems.
- Increase of wells’ quality due to:
  - individual drive to each aggregate;
  - precise control of drives;
  - possibility of use within the structure of BK system SVP
- Creation of safe and ergonomic working conditions for the personnel:
  - compliance with safety regulations;
  - self-diagnostics systems of equipment;
  - use of CCTV systems in the hard-to-reach places.

Organizing production of barrier flexible polymeric packaging for consumer goods

Project initiator — Closed JSC “Uralplastic”.
The project is implemented jointly with the SC “Rosnano”.
Project aim — creation of the first in Russia complete production cycle of flexible polymeric packaging for consumer goods with new properties and reduced prime cost.
As a result of project implementation, new materials will be brought to the market: flexible barrier polymeric packaging and foam polymeric materials, modified with nanocomposites.

Project aim:
- completion of R&D on elaboration of formulations of nanocomposites and products on their base;
- purchase and installation of necessary equipment on the production ground, situated in the Aramil town of Sverdlovsk region;
- organizing serial manufacture of the project products;
- increasing the share of the enterprise in the Russian market of flexible barrier packaging and going out to the world market.

Total amount of investments into the project — 2.3 billion Rubles.

The project implementation consists of three stages. On the first stage (2009—2011) R&D will be completed for elaboration of formulations of nanocomposites and products on their base, as well as purchase and installation of necessary equipment on the production ground, situated in the Aramil town of Sverdlovsk region. On the second stage (2011) serial manufacture of the project products will reach 20 thousand tons per year. Within the frameworks of the third stage (2011—2014) it is planned to increase the share of the enterprise in the Russian market of flexible barrier packaging and going out to the world market.

Organizing production of glassware for the needs of the pharmaceutical industry

Project initiator — “The Ural glass works” Ltd.
Project aim — organizing highly competitive production of glassware of the 1st dimming class, satisfying the needs of the Sverdlovsk region’s pharmaceutical industry for glassware (ampoules, bottles, cartridges) in full amount.

Rated production capacity — 1.0 billion pieces per year.
The main financial indexes of the project:
- Internal rate of return (IRR) — 35%
- Net present value (NPV) — 837 million Rubles;
- Discounted payback period — 6.5 years.

Total amount of investments into the project: 3.0 billion Rubles.

The deal has been completed for the purchase of the industrial ground, the general concept of the plant has been elaborated, design and repairs of the 1st stage premises are in progress.
11 Creation of the woodworking enterprise with its own cycle of lumbering on the territory of the Sverdlovsk region

**Project initiator** — “Vyisky DOK” Ltd.

**Total project cost** — 789,7 million Rubles (including the enterprise’s own assets — 80,4 million Rubles, borrowed assets — 709,3 million Rubles). As of 01.11.2010, the amount of investments attracted into the project made up 745,2 million Rubles (the enterprise’s own assets — 76,7 million Rubles, borrowed assets — 668,5 million Rubles).

**Place of project implementation** — Nizhniy Tagil.

The investment project consists of 2 stages: construction of the woodworking enterprise and creation of the own logging base. As of 01.12.2010:

- the first stage of project — construction of the woodworking plant complex completed;
- the second stage — 20% of the own logging base creation is realized.

**Term of project implementation:** 2008—2014.

**Estimated term of project payback:** 6.5 years.

12 Organizing GMP-production of PET-radio-pharmaceutical tracers and forming the infrastructure for their delivery and application in the network of PET-centers in the Sverdlovsk region

**Project initiator** — “MK UNIX” Ltd.

**Project aim** — ensuring early and efficient diagnostics of oncologic and cardiovascular diseases of the Sverdlovsk region population by method of positron-emission tomography (PET).

**Project tasks:**

- construction and commissioning of the basic cyclotron-radiochemical complex (CRC), including cyclotron for manufacture of short-lived PET-radioisotopes and the up-to-date radiochemical manufacture of injection forms of PET-radio-pharmaceutical tracers (RPT), complying with the GMP norms, construction and commissioning of the network of satellite PET-centers in Ekaterinburg and Nizhniy Tagil and forming the necessary infrastructure providing for precisely planned delivery of the short-lived RPT in the hour schedule to the satellite PET-centers, training of unique personnel — radiochemistry specialists, chemist-analysts and radio-pharmacists to ensure the work of the basic CRC and satellite PET-laboratories.

The main financial indexes of the project:

- internal rate of return (IRR) — 6.78%.
- net present value (NPV) — 94.5 million Rubles.
- discounted payback period — 9 years from project start (7 years from commissioning).
- additional working places — 45
- cumulative budget efficiency up to 2020 — 1.7 billion Rubles.

**Total amount of investments into the project:** 1.2 billion Rubles.

13 Creating a woodworking enterprise in the Serov district of the Sverdlovsk region with its own cycle of lumbering

**Project initiator** — Closed JSC “Argus SFK”

**Total project cost** — 310,6 million Rubles. As of 01.12.2010 the amount of investments attracted into the project made up 337,2 million Rubles.

**Place of project implementation:** southern outskirts of the settlement Vostochny, Sosvinsky city region. At present the project is being implemented ahead of schedule. The purchase and installation of the main production equipment has been completed in the sawing and plywood workshops, as well as reconstruction of buildings and structures of the complex.

The main performance indexes:

**Production kinds:** manufacture of lumber with annual capacity of 154 thousand cubic m and plywood with capacity of 30 thousand cubic m.

**The project payback period:** 34 months.

The term for completion of the project “Creating a woodworking enterprise in the Serov district of the Sverdlovsk region with its own cycle of lumbering” is the 4th quarter of 2012. The term for commissioning the plywood production — 2nd quarter of 2011. Lease contracts for the forest areas have been concluded.

For project implementation forest areas have been reserved with permissible volume of timber removal (prescribed cutting area) — 600 thousand m3 per year. The amount of the prescribed cutting area by concluded agreements makes up 356.8 thousand m3.

14 Establishment of the Technical-innovation center of metallurgy and heavy machine building in Ekaterinburg

**Project initiator** — the Government of the Sverdlovsk region, the Governmental commission on matters of development of the metallurgical complex.

**Project aims:**

determining the priorities of development of the mining-metallurgical complex and heavy machine building enterprises and assistance in working out the strategy for the development of the branch, corporations and industrial enterprises, consolidation of efforts of the academic, sectoral institutions, science of higher educational establishments, design organizations for effective solution of scientific-technical tasks, elaboration and introduction of efficient technologies and equipment on the level of the best foreign analogs.

**Project tasks:**

elaboration of efficient technologies and equipment for metallurgy and heavy engineering on the level of the best domestic and foreign analogs, working out progressive end-to-end technologies for complex processing of the new deposits of ferrous and nonferrous metals’ ores from extraction and concentration of the raw materials up to getting the finished product, elaboration of efficient technologies and equipment for processing of anthropogenic wastes, development of new materials, including nanomaterials, creating the system integrator structure at reconstructions of metallurgical and machine building enterprises for the effective use of available scientific-technical potential, developing the mechanisms of accounting, protection and commercialization of rights for the intellectual property objects.

The Government of the Sverdlovsk region prepared a draft concept and a plan of activities for the establishment of the Technical-innovation center of metallurgy and heavy machine building in Ekaterinburg. The draft concept has been approved by a number of the key federal ministries of the Russian Federation and is on approval in the Board of the Russian Government.
Investment projects
Production modernization
Production modernization

1. JSC “Nizhniy Tagil metallurgical works”
   - Construction of the plant for blowing the pulverized-coal fuel into the blast furnaces.
     Financing amount: 5 352 million Rubles.
     Project implementation will ensure the decrease in the expenditure of:
     - coke from 380 to 300 kg/t of cast iron;
     - oxygen from 88 to 65 m3/t of cast iron.
   - Technical re-equipment of the rail and structural workshop.
     Financing amount: 2 263 million Rubles.
     Project implementation will ensure the growth of profit from sales of rails due to:
     - increase of service durability from 500 million to 1,0 billion tons gross;
     - compliance with requirements of the new national standard of RF and leading foreign standards.
   - Construction of the new converter plant no. 2.
     Financing amount: 50 billion Rubles.
     Capacity of the new converter plant will make up 3—3.5 million tons of steel per year. With its commissioning the total capacity of the plant complex will grow up to 7 million tons of steel per year. Construction will concern not only the workshop itself — converters, stove-baskets, vacuumators, casting machines, but also the blast furnace, oxygen production, energy resources. It is supposed to create up to 1,5 thousand working places.

2. JSC “Seversky pipe plant”
   - Reconstruction of the pile rolling production with installation of equipment complex of continuous rolling mill.
     Financing amount: 17 620 million Rubles.
     Expected effect from project implementation:
     - increase of the finished product output up to 600 thousand tons;
     - increase of production quality;
     - widening the assortment of manufactured seamless pipes;
     - decrease of the prime cost and metal consumption rate in production of seamless pipes.

3. JSC “Uraltrubprom”
   - Construction of complex for making hot-rolled coiled steel.
     Financing amount: 24 billion Rubles.
     Project implementation will ensure production of electric-welded pipes from own work parts.

4. JSC “Kamensk-Uralsk metallurgical plant”
   - Construction of the rolling complex.
     Financing amount: 24 billion Rubles.
     Implementation result: increase of production volumes by 165.9 thousand tons of aluminum rolled stock per year.
     Implementation of this project which is unique for Russia, will ensure not only construction of new wide-body aircrafts, rockets, large ships, but will also make Russia one of the leaders of the world manufacturing of this produce and considerably increase the strategic competitive positions of the Russian aircraft industry.
     Search for creditor to begin the complex construction is in progress.
   - Organizing production of aluminum panels for high-speed trains (reconstruction of press with tonnage 120 Mn).
     Financing amount: 225 million Rubles.
     Grounds of project implementation: tripartite Memorandum between JSC “Kamensk-Uralsk metallurgical plant”, JSC “Russian railways” and Siemens AG “About deliveries of aluminum semi-finished products for passenger cars by the program of JSC “RZhD”.

5. JSC “Uralelectromed”
   - Technical re-equipment of the copper electrolysis workshop (first stage).
     Financing amount: 4 406 million Rubles.
     Expected effect from project implementation:
     - increase of production quality;
     - increase of production capacity by 150 thousand tons per year (up to 500 thousand tons per year);
     - production automation.
     Technology, equipment, personnel’s labor conditions of the workshop will comply with the most up-to-date world requirements.

6. JSC “Russian magnesium”
   - Creating production of deposited silicon dioxide and metallic magnesium 29 930 and 22 270 tons per year, respectively.
     Financing amount: 13,4 billion Rubles.
     Today JSC “Russian magnesium” has three shareholders: Sverdlovsk region — 25 % plus one share; Minmet Financing Company (Switzerland) — 50 % plus one share; JSC “The Ural asbestos ore-dressing works” — 25 % minus two shares.
     The shareholders are interested in the project due to its economic efficiency, innovation, ecologic efficiency, competitiveness, socio-economic significance for the region, strategic importance for the Russian economy — the project allows to eliminate import-dependence of economy by a number of hi-tech products.
7. JSC “Kushva plant of forming rolls”

- Providing the metallurgical enterprises with high-strength centrifugal-cast iron and steel rolls.

From 2004 JSC “Kushva plant of forming rolls” has been implementing a long-term investment project, which will allow to increase the quality and competitiveness of manufactured rolls.

Urgency of project implementation:

At present, after modernization and re-equipment of mills, the metallurgical plants need forming rolls, made of high-strength and wear-resistant cast iron.

Mastering production of rolls of this nomenclature will provide the metallurgical enterprises with the hi-tech competitive product of high quality with a large share of added value and asked-for in the market.

8. JSC “Uralmashzavod”

- Restoration of the leading positions due to fundamental technical re-equipment of production and mastering manufacturing of innovation products.

In 2009, in spite of the economical crisis, the main shareholder of the enterprise JSC “Gazprombank” decided to implement in JSC “Uralmashzavod” a large-scale program for production reconstruction and strengthening of engineering.

The investment program of JSC “Uralmashzavod” envisages:

- Increase of efficiency and production output of rolls, including construction of section for differentiated heat treatment, modernization of furnaces, modernization of machine tools in the workshop no. 15.

- Modernization of forging complex on the base of the press with tonnage 10000 t.f. with the aim of increasing the forgings’ precision.

- Modernization of drilling equipment production.

- Reconstruction of foundry. Introduction of casting technology with the use of cold-hardening mixtures with the aim of increasing the ingots quality, reducing the allowance for mechanical treatment, decreasing discards by 70%, increasing labor productivity, reducing production prime cost.

- Reconstruction of mechanical assembly production. Purchase of the up-to-date metal-cutting equipment, restoration of a number of unique machine tools, jointing narrow places in the boring, turning and rotary groups of lathes. Decrease of labor-intensiveness 5—15 times for different operations.

Investment costs of JSC “Uralmashzavod” in 2010 made up 1,4 billion Rubles. Plan for 2011 — 3 billion Rubles. Total expenses for preparation of production of the new innovation equipment up to 2013 will make up 7,8 billion Rubles, including by the following directions:

- creation of ultradeep drilling rig up to 15 000 meters for drilling of shelf deposits from land, in particular for the Sakhalin project of JSC “Rosneft”.

- elaboration of project for the pelletizing factory on the base of high-performance roasting machine (more than 5 million tons of roasted pellets per year for the blast-furnace process).

- creation of the open-mine excavator EKG-30 adapted to operation conditions in the Extreme North regions.

- creation of mills with cylinder support for mineral raw materials, to increase production capacity of operating concentration factories by 30...40% without alteration of their construction part.

- elaboration of the upper drive system for the drilling rig with load capacity of 320 tons.

9. JSC “Uralkhimmash”

- Technical re-equipment and reconstruction of production.

JSC “Uralkhimmash” is a world leader in manufacturing equipment for enterprises of the oil and gas complex, power, nuclear branches of industry, chemical branch, enterprises of ferrous and nonferrous metallurgy and construction industry.

With the aims of strengthening its own positions in the markets, JSC “Uralkhimmash” has adopted and approved the investment program for production development, envisaging investments in the amount of 2 096 million Rubles for 2009—2012.

Within the frameworks of this program it is planned:

- to purchase new technological equipment (including a press with tonnage up to 1600 tons, metal-cutting lathes with numerical program control), which will allow to set up manufacture of the up-to-date innovation products, for example ball tanks with the volume up to 6600 m3 and wall thickness up to 80 mm. Costs in the amount of 1,2 billion Rubles are envisaged for this purpose.

- modernization of available technological equipment. Costs in the amount of 600 million Rubles are envisaged for this purpose.

- implementation of projects in the sphere of IT-technologies. Costs in the amount of 25 million Rubles are envisaged for this purpose.

- activities aimed at elimination of directions of supervisory authorities. Costs in the amount of 100 million Rubles are envisaged for this purpose.

10. “The Ural locomotives” Ltd.

- Creation of production-technological complex for serial manufacture of mainline freight DC electric locomotives of the new generation on the base of “The Ural locomotives” Ltd.

Within the frameworks of project “The Ural electric locomotive” the enterprise has set up highly efficient production of electric locomotives, complying with the world standard. “The Ural locomotives” Ltd.:

- carried out capital reconstruction of facilities providing for the enterprise’s life activity; systems of power and heat supply, boiler room equipment and all utility lines on the territory of the enterprise.

- executed construction and assembling works for preparation of production spaces for installation of the new equipment.

- carried out reconstruction and modernization of technological equipment and machine tools, hoisting cranes.

- carried out reconstruction of thermal furnace with installation of the up-to-date control and management system.

More than 300 units of the latest technological equipment have been purchased for project implementation, including:

- line for mechanical cutting of blanks out of bar, angle, channel bar, pipes and I-beams.

- mechanized lines for hole piercing.

- edging machines and sheet-bending rollers with the force from 40 to 1200 t.

- laser and plasma complexes for layout of sheet metal with numerical program control.

- line for metal preparation for welding.

- welding equipment.

- equipment to clean the surface of the metal-roll.

- line of hot galvanizing.

- painting complexes with drying chambers.

The total cost of project for creation of hi-tech production makes up 5.2 billion Rubles. As for today, financing of the investment project has made up about 4.54 billion Rubles.
Sverdlovsk region trades with 130 countries of the world. The main trading partners for the Sverdlovsk region are foreign countries, although the volumes of mutual trade with the CIS countries keep growing rapidly. The leading place by commodity turnover in the external trade of the Sverdlovsk region belongs to the USA, Kazakhstan, Germany, Turkey, the Netherlands, China, France, Italy.

Sverdlovsk region is an export-oriented region of the Ural. The export complex of the Middle Ural is noted for a high level of diversification – more than 1500 participants of the foreign economic activity, and a developed territorial-and-geographical structure.

The structure of export deliveries of the Sverdlovsk region includes mostly the export of metallurgical, chemical and machine building complexes. These goods account for up to 90% of the region’s export.

The region imports mainly machine building produce, mineral products (coal constituting more than a half), and also products of chemical industry.

Machine building and defence-industrial complex

Electrical power engineering


Besides, the region has small innovation engineering enterprises, mainly concentrated in Ekaterinburg.

Closed JSC “The Ural turbine plant” and JSC “Teploenergoservice-EK” have a wide experience of delivering turbine equipment.

Closed JSC “The Ural turbine plant” is the biggest manufacturer of steam and gas turbine. During 65 years of existence the enterprise delivered 767 steam turbines with total capacity 58 thousand MW for power plants of different countries and 570 drive, rendering and power gas turbines with total capacity 5 thousand MW. The enterprise is greatly experienced in design, installation and service maintenance of the turbine equipment.

JSC “Teploenergoservice-EK” from 1993 has been specializing in manufacturing steam turbines with capacity up to 330 MW and their subsequent service maintenance. The enterprise possesses a high production and designing potential in the sphere of turbine building.

Medical equipment and medicine

Powerful industry manufacturing medical equipment has been established in the Sverdlovsk region, allowing to consider our area as an international “polygon” for elaboration and introduction into serial production of unique devices, medical instruments and medicine.

The enterprises can ensure complex equipment for such medical specializations as: X-ray and ultrasonic diagnostics, maternity and children’s hospitals, surgery, hemodialysis, water treatment etc.

The enterprises of the Sverdlovsk region take the leading positions in manufacturing of:

- neonatal equipment
- artificial pulmonary ventilation units

Export of metals from the Sverdlovsk region to all countries in 2008-2010

<table>
<thead>
<tr>
<th>Items of commodity structure</th>
<th>Jan.-Sep. 2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>3127230</td>
</tr>
<tr>
<td>Ferrous metals</td>
<td>1125157</td>
</tr>
<tr>
<td>Articles out of ferrous metals</td>
<td>70839,96</td>
</tr>
<tr>
<td>Copper and articles out of it</td>
<td>958230,5</td>
</tr>
<tr>
<td>Nickel and articles out of it</td>
<td>53,11</td>
</tr>
<tr>
<td>Aluminum and articles out of it</td>
<td>254733,4</td>
</tr>
<tr>
<td>Lead and articles out of it</td>
<td>4508,75</td>
</tr>
<tr>
<td>Zinc and articles out of it</td>
<td>3,32</td>
</tr>
<tr>
<td>Tin and articles out of it</td>
<td>21,48</td>
</tr>
<tr>
<td>Other non-precious metals</td>
<td>261693,6</td>
</tr>
<tr>
<td>Tools, knife items</td>
<td>5364,51</td>
</tr>
</tbody>
</table>

Volume of foreign trade of the Sverdlovsk region (billion dollars)

<table>
<thead>
<tr>
<th>Year</th>
<th>Export</th>
<th>Import</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>2.8</td>
<td>0.6</td>
</tr>
<tr>
<td>2005</td>
<td>6.0</td>
<td>1.5</td>
</tr>
<tr>
<td>2007</td>
<td>9.0</td>
<td>2.6</td>
</tr>
<tr>
<td>2008</td>
<td>10.0</td>
<td>4.1</td>
</tr>
<tr>
<td>2009</td>
<td>7.2</td>
<td>2.5</td>
</tr>
</tbody>
</table>
In the region there are enterprises, successfully manufacturing:
- surgery tools
- electro-surgical equipment, instruments for microsurgery, suture surgical material
- surgical lights
The enterprises of the region conduct elaborations of new samples of medical equipment of the world standards:
- medical holding “Unona” is ready to start serial production of own Russian artificial kidney apparatuses “Malachite” with technical support of Japanese specialists
- FSUE “PO “The Ural optic and mechanical plant” masters 42 new medical items and began production of computed tomographs (by the license of Siemens company)

**Oil and gas sphere**

Manufacturing of equipment for the oil and gas branch on the territory of the Sverdlovsk region is done by more than 50 enterprises of the machine building complex, turning out a wide nomenclature range of products – from drilling rigs and pumping units to welding equipment and drilling bits. Among them there are such largest producers of drilling equipment in the Russian Federation as JSC “Uralmashzavod”, Closed JSC “URBO” and “Bulanashsky machine building plant” Ltd., possessing production capacities able to provide for up to 90% of the needs of domestic oil and gas industry for drilling rigs.

JSC “Uralmashzavod” from 1945 has been specializing in manufacturing of drilling equipment. During this period the enterprise made over 15 thousand drilling rigs with load capacity from 160 to 600 tons and drilling depth from 1.5 to 15 km.

Closed JSC “URBO” has a successful experience of delivering drilling equipment to such biggest oil and gas companies of Russia as JSC “NK “Rosneft” and JSC “Gazprom”. In 2009 the enterprise ahead of schedule completed execution of contract for delivery to JSC “Gazprom” of 11 heavy drilling rigs for work on the Yamal peninsula. In the same year began elaboration of a new model of drilling rig to drill wells up to 15 km long with vertical deviation up to 12 km. Application of this plant will provide for mining on the sea shelf without construction of expensive sea platforms.

“Bulanashsky machine building plant” Ltd. from the 80-s of XX century has been traditionally the country’s biggest manufacturer of pump equipment for drilling works. Today the enterprise is implementing a complex investment project for organization of drilling rigs production.

---

**Export structure in 2009**

- Machines, equipment and vehicles: 46%
- Products of chemical industry, rubber: 16%
- Metals and articles out of them: 16%
- Others: 22%

**Import structure in 2009**

- Metals and articles out of them: 14%
- Products of chemical industry, rubber: 10%
- Mineral products: 13%
- Machines, equipment and vehicles: 15%
- Others: 48%
According to the business-plan, within 2010 it is planned to complete preparation of ground for the fit-up of drilling rigs, to buy the necessary technological equipment (painting chamber, shot blasting chamber, blank equipment) and by the end of the year to manufacture the pilot sample of the drilling rig. As a result of implementing this project up to 2014 the enterprise is planning to create about 500 new working places, to increase production capacities up to 10 drilling rigs per year and to bring the annual production output up to 7 billion Rubles.

During the 1990-s, in the course of implementing conversion programs, a number of machine building enterprises of the defence-industrial complex of the Sverdlovsk region paid attention to the promising market of products for the needs of the oil and gas complex. Finally, these companies mastered manufacturing of quite a wide range of hi-tech products. For example, JSC “Uraltransmas” produces nowadays more than 10 items of sucker-rod deep-well pumps (pumping units) with the load on the well-head rod from 4 to 14 t. JSC “URALNITI” manufactures a complex of equipment for module workshops for repair of oil pump-compressor pipes, occupying almost 45% of the Russian market in this field. FSUE “Plant complex “Electrokhimpribor” has elaborated and carries out serial production of over 150 kinds of import-substituting equipment for operation and repair of the main pipelines and compressor plants. FSUE “Servo mechanical plant” produces low-temperature drilling pipes of increased reliability, having no analogs, occupying 1.5% of the Russian and up to 0.5% of the world market in this range.

Besides, equipment manufacture for the oil and gas extracting sector is also widening due to the fact that some kinds of this products are mastered at non-specialized enterprises of civil machine building during implementation of programs for product diversification and utilization of idle production capacities. Thus, for example, Closed JSC “RELTEK” mastered manufacturing of induction pipe benders instead of imported ones. JSC “Uralburmarsh” conducts works on expanding the range of drilling bits, including also for the oil and gas companies. Closed JSC “Machine building plant named after Vorovsky” supplies the clients of the oil and gas branch with mobile drilling rigs for exploration seismology of oil deposits. JSC “Uralkhimmash” is constantly widening and improving the line of products both for the needs of the oil and gas extracting enterprises (air cooling devices, separators etc.), and for refineries (isostrippers, adsorbers, pipe string devices etc.), and for refractories (isostrippers, adsorbers, pipe string devices etc.).

With the aim of mastering production of new kinds of the oil and gas equipment, the machine building complex enterprises of the Sverdlovsk region are also actively participating in the activities for development of the intraregional cooperation. Thus, FSUE “Plant complex “Electrokhimpribor” has mastered production of machine sets for drilling rigs made by the Closed JSC “URBO”, which were previously imported from abroad. FSUE “The Ural electromechanical plant” jointly with specialists of the Closed JSC “URBO” carry out preparation for production of the up-to-date driller cabin and control system of the drilling rig.

Mining and metallurgical equipment

Machine building enterprises of the Sverdlovsk region mastered production of the wide range of equipment for mining works, ventilation equipment, metal structures, geological exploration equipment for mining; the sphere of rendering services on the repair of mining equipment is being developed.

For example, JSC “Uralmaszavod” manufactures blast furnace, rolling-mill, steel-smelting and agglomeration equipment, continuous casting machines and related equipment, as well as complexes of mining, crushing-and-grinding equipment (cone, roll, jaw crushers etc.) and excavators. Besides production, the enterprise has developed an engineering area for elaboration and kitting-up of metallurgical and mining equipment complexes.

Nuclear machine building

The enterprises of the Sverdlovsk region elaborate and manufacture a wide range of equipment for the nuclear power plants.

- JSC “SverdNIIkhimmash” develops equipment for the nuclear industry;
- JSC “Nizhneturinsky machine building plant “Vanta” manufactures ventilation equipment for the nuclear power plants;
- FSUE “UEMZ” produces systems of control and automatics for the nuclear industry;
- JSC “The Ural electrochemical plant complex” specializes in the nuclear fuel enrichment;
- JSC “Institute of reactor materials” makes radioisotopes for the nuclear and medical industries;
- JSC “Uralkhimmash” produces nonstandard equipment for the nuclear industry;
- JSC “Uralmaszavod” develops and makes materials handling equipment for the nuclear power plants.

Military industry

The Sverdlovsk region has a developed defence-industrial complex, including 27 enterprises, 11 scientific-research institutes and design offices. The enterprises of the defence-industrial complex produce a wide range of special equipment: from tanks and self-propelled artillery mountings to systems of armaments control.

The enterprises of the Sverdlovsk region are ready for military-technical cooperation in the field of supplying special production for PRC through FSUE “Rosoboronexport”. Besides, JSC “NPK “Uralvagonzavod” and FSUE “PO “The Ural optic and mechanical plant” have a possibility of making direct deliveries to the foreign client of spare parts for special production and rendering services.

Export potential of the chemical complex enterprises

The export production volume of the chemical complex enterprises in 2009 made up 1577.4 million US dollars, for 9 months of 2010 — 1241.2 million US dollars (121% to the corresponding period of 2009). The main kinds of exported products:

- chromium compounds;
- novolak and ion-exchange resins;
- technical rubber goods;
- chemical agents;
- nitrogen fertilizers;
- pneumatic rubber tires.

Export potential of the timber complex enterprises of the Sverdlovsk region

The export share of timber, timber articles in the total export volume of the Sverdlovsk region makes up 2.4%.

Lumber — 329.8 million dollars. Delivery is made to 29 countries: Afghanistan, Egypt, Denmark, Italy, Slovenia, Finland, Syrian Arab Republic, Azerbaijan, Kyrgyzstan, Kazakhstan, Tajikistan, Turkmenistan, Uzbekistan.

Plywood — 100.0 million dollars. Delivery is made to 32 countries: Hungary, Germany, Egypt, Italy, Canada, China, the Netherlands, Norway, Poland, Slovakia, United Kingdom, USA, Turkey, Finland, Czech Republic, Sweden, Azerbaijan, Kyrgyzstan, Kazakhstan, Latvia, Estonia.
CONTACTS
for interaction with executive power bodies of Sverdlovsk Region

GOVERNMENT OF SVERDLOVSK REGION

http://www.midural.ru

Ministry for international and foreign economic relations of Sverdlovsk Region

+7 (343) 217-86-72
+7 (343) 217-89-11
http://mvs.midural.ru

Ministry of industry and science of Sverdlovsk Region

+7 (343) 371-76-95
+7 (343) 358-19-98
http://mpr.midural.ru

“Real-Media” company, 2011
www.real-media.ru