Internship in Siberia

2013
Organizers of program:

- Siberian consortium, established in 2009, incl. regional resource centers and associations of 6 Siberian regions: Altai, Kemerovo, Krasnoyarsk, Novosibirsk, Omsk, Tomsk
- Program's support: Governments and Chambers of Commerce and Industry of 6 regions
Siberia occupies 40% of Russian territory and borders on China, Mongolia, Kazakhstan. Russian government gives special consideration for investments in Siberia.
The main competitive advantages of Siberia:

- Central geographic location, near to Europe and Asia
- Huge natural resources
- The largest multimodal transport nodal point
- Highly developed scientific and education complex
- Stable growth of the economy and budget indicators
- High level human resource and scientific potential
- Highly developed business and social infrastructure
- Unique environment for investment activity
- Political stability
- Special economic zones in Altai and Tomsk regions
- The support system of small and medium size enterprises
- Wonderful people
Priority fields of cooperation:

- Energy-saving technologies;
- Oil, gas and coal industry;
- Information and communication technologies, innovation projects;
- Medical and pharmacy;
- Transport and logistics;
- Chemical industry;
- Agriculture and food industry;
- Mechanical engineering;
- Factory waste recycling;
- Tourism.
Unique format of internship:

- Joined European group of managers
- 6 Siberian regions for choice: 7 days in Novosibirsk, 7 days in other region
- Business meeting (contacts exchange) with companies from 6 Siberian regions at the beginning of the program
- Access to the network of 5500 Siberian graduates of Presidential program (mostly top-managers and business owners)
The results of internship 2010-2012 (joined German-French group):

- 20 contracts and agreements
- 90 % participants evaluated visit as fruitful
- Opened subsidiaries in Altai, Novosibirsk and Omsk regions
- 17 re-visits to Siberia for refreshing the contacts
- 5 visits of Siberian groups (small enterprises, representatives of Universities, doctors) in Germany, organized by managers from German group
General Impressions

• Siberia (by participant-2012)
  – Wonderful hospitality
  – High education level
  – Highly motivated young international people
  – People are open to different cultures
  – Modern and developed cities
  – Presidential program has a strong team spirit
  – Weekend and Recreational program was excellent (Banya, “Stolby” mountains 15km walk…)
Altai region

- Total square – 168 000 sq. km
- population – 2.5 million people
- distance from Barnaul to Moscow is 3430 km;
  to Paris – 5903 km;
  to Berlin – 5238 km

- 11 cities
- 60 municipal districts
- 719 rural and 6 urban territories
Competitive positions of Altai region in Russia

**Planting**

1. Ploughed field and grain sowing area

4. Grain production

**Livestock farming**

3. Milk production

4. Livestock population

**Food and processing industry**

1. Cheese and flour production

2. Cereals production

**Industrial production**

The most progressive coke production in Russia (more than 10% of all Russian coke)

more than 50% of diesels and diesel generators;
more than 40% of skidding choker machines, tractor plows, overhead travelling and electrical cranes;
about 20% of freight cars
“Complex development of Altai Priobje”

89 investment projects

- Constructing of Altai regional power station (660 Mgwatt)
- Constructing of the seeds producing plant
- Constructing of the plant of deep processing of wheat
- The development of Altai wind-power engineering
- Altai biopharmaceutical cluster
- Organizing the flax processing production
- The modernization of the plant producing sunflower seed oil
- Constructing of pig-breeding complex «Altaimyasoprom»
- Constructing of poultry-farming complex «Altayskiy broiler»
- Special economic zone «Birjuzovaya Katun»

Total cost of “Complex development of Altai Priobje” is 14,8 billion euro
- The area – 95,7 thousand in sq.km, is 4 % of territory of Western Siberia and 0,56 % of territory of the Russian Federation
- The population – 2824 thousand persons is 14,4 % of population of the Siberian federal district and 2 % of the population of the Russian Federation
- The distance from Kemerovo to Moscow makes 3482 km

- The highest beyond Ural Mountains population density (30 persons on 1 sq. km)
- One of most Highly urbanized subjects of the Russian Federation. A share of urban population of 85 %
- 7 cities with population over 100 thousand inhabitants
- 16 city districts, 18 municipal areas
Huge industrial and an export potential
It is made:
- coals - 57%,
- coked coal - 76%,
- steel - 14%,
- hire of ferrous metals-14%,
- chemical production- 4%,
- chemical fibres-11%.
- coking - 22%
- ferrosilicon - 53%

It is exported: 1 200 kinds of an industrial output in 80 countries of the world.

The developed social and economic infrastructure
- Powerful power supply system (the fifth place in the country on volume of developed energy)
- Well developed transport system (3 airports, two branches of the Trans-Siberian trunk-railway, 3 federal automobile lines)

Unique environment
More than 500 mineral deposits create own raw-material base for:
- black and nonferrous metallurgy,
- chemical branch,
- manufactures of building materials
- 65 % of territory occupy coniferous and deciduous woods,
- 30 % - the agricultural purpose earths
Priority directions of development

- Effective working out of deposits of mineral resources, deep processing of coal,
- Modernization and modernization of the enterprises of metallurgy, mechanical engineering, light, chemical, pharmaceutical industry,
- Manufacture of coke and oil products,
- Agriculture and manufacture of foodstuff,
- Forestry and Wood processing,
- Public health services and granting of social services,
- Development of a tourist-recreational complex of region,
- Construction
The Krasnoyarsk Region is one of the largest regions in Russia. Relative to the size the Region ranks second in Russia and first among regions included in the Siberian Federal District.

For comparison, the total area of the Region is 10 times larger than Great Britain, 6.5 times larger than Germany and 4 times larger than France. There are 44 municipal districts and 17 urban areas in the municipalities of the Krasnoyarsk Region.

Six big cities of the Krasnoyarsk Region:
- **NORILSK**: 170 thsd inhabitants
- **LESOSIBIRSK**: 66.2 thsd inhabitants
- **KANSK**: 94 thsd inhabitants
- **MINUSINSK**: 73.9 thsd inhabitants
- **KRASNOYARSK**: 979.5 thsd inhabitants

2,829 thousand people inhabit the Krasnoyarsk Region.
Leading enterprises of the Region’s industries

- **Extractive industry:**
  - CJSC “Gold-mining company “Polus”
  - CJSC “Vankornedaft”
  - JSC “SUEK”

- **Metallurgy:**
  - JSC “MMG Norilsk Nickel”
  - JSC “RUSAL Krasnoyarsk Aluminium Plant”
  - JSC “Krasnoyarsk Non-Ferrous Metals Plant named after V.H. Gulidov”

- **Machine Building:**
  - JSC “Information Satellite Systems named after the academician M.F. Reshetnev”
  - JSC “Krasnoyarsk Machine Building Plant”
  - JSC “Krasnoyarsk Combine Plant”

- **Energy industry:**
  - JSC “Yeniseisk Regional generating company (TGC-13)”
  - JSC “MRSK of Siberia”
  - JSC “Krasnoyarsk HPS”
The investment policy

- The Krasnoyarsk Region is among ten best regions in Russia in terms of investment activity.

- Thanks to the development of the Vankor oil and gas fields, the Krasnoyarsk Region has become a large oil-producing region.

- Almost all large Region’s investment projects are implemented on the terms of public-private partnership.

- 274,4 bln rubles is the investment capacity.

- "Integrated development of the Nizhnee Priangarye" project.
Novosibirsk plays the role of administrative center for 12 Siberian regions (the capital of the Siberian Federal District of the Russian Federation).

- The area of the Novosibirsk region is 178,200 sq. km.
- The population of the Novosibirsk region is 3 million people.
Innovation projects, science intensive and high technology production:

- 75% of Russia’s market of facilities for diseases diagnostics is produced in Novosibirsk;
- 70% of world market of hosting virtualization software;
- Russia’s leader in the export of laser systems and accessories;
- **Transport-and-logistics** (12 airports, incl. 1 international, one of the main Trans-Siberian railway stations) and business infrastructure, means of communication.
High technologies
- Intel
- Sun Microsystems
- Hewlett Packard
- Samsung
- Shlumberger
- Tohoku University (Japan)
- KIST (Japan)
- Air product (USA)
- Baiker Atlas (USA)

Banks
- Societe generale
- Raiffeisen (Австрия)

Trade enterprises
General information:

Territory — 141,1 thousand square kilometres
Distance from Moscow to Omsk - 2555 km
Time difference with Moscow — 3 hours.
Population - 2046,6 thousand people.
Borders with the Republic of Kazakhstan.

Well-developed transportation network
- Trans-Siberian Railway;
- highways;
- International Airport;
- River Port.

Natural resources
- oil, gas, peat;
- ore sands of zirconium and titanium, construction materials (brick, claydite)
- mineral mixtures, sapropel, therapeutic muds;
- soil resources;
- wood resources (33,1% of the total territory)

The credit rating of the Omsk region — Aa2.ru (It’s very high creditability).

Export and Import Structure

Export
- fuel and energy;
- machine manufacturing;
- chemical production;
- rubber;
- foodstuff;
- agricultural raw materials.

Import
- fuel and energy;
- machine manufacturing;
- foodstuff;
- agricultural raw materials.
Social and Economic Characteristics of the Omsk region

Industry
- Chemical and Petrochemical Complex,
- Engineering Industry,
- Fuel and Energy Complex,
- Timber Processing Complex,
- Food Industry.

Agriculture
- Crop production,
- Animal husbandry.

Construction

Transport Complex

Housing and Communal Sector

Sport

Tourism

Science and Education
- 13 specialized research institutes
- 15 scientific engineering organizations;
- 3 pilot plants;
- 34 institutes of higher education;
- 40 innovation-active Enterprises;
- More than 70 small innovation enterprises in scientific and technical sphere.

Health care
- 132 government agencies;
- 142 private enterprises.

Culture and Art
- 9 professional theatres;
- 43 museums;
- 1208 institutions of culture and leisure;
- 881 public libraries.
Directions of Omsk Region Development in 2011

**Industry**
- Industrial Park construction on the basis of the Propylene Processing Plant
- Timber complex establishment
- Development of High-tech engineering industry

**Agriculture**
- Creation of new production facilities for processing agricultural products and distribution networks

**Transport**
- Formation of Logistic Centre and construction of International Airport “Omsk-Feodorovka”

**Tourism**
- Ecotourism development and creation of sanatoria and health resorts on the territory of Omsk region

**Science and Education**
- Nanotechnology center establishment for research activity and pilot production creation
**Tomsk region**

**General information:**
- **Territory** – 316,900 км²
  (1.9% of Russian territory)
- **Population** – 1,036 mln.
  (0.7% population of Russia)
- **One in five citizen of Tomsk is a student**
- **38% of Tomsk population have higher education**

**Oil & Gas sphere:**
- **72% of Region’s square is rich in oil and gas**
- **75% of oil fields have not been discovered yet**
- «Gazprom», «Rosneft», «Imperial Energy» (ONGC Videsh Ltd) are working in Tomsk region now
**Innovation structure:**
- Technology-Innovative Special Economic Zone
- Tomsk Venture Investment Centre
- 6 commercialization offices
- 12 business incubators, 4 innovative technologies centers
- Techno park, 5 technologies transfer centers
- Tomsk agency for investment promotion

**Innovation potential:**
- 6 universities, including 4 “innovation” universities
- 14 R&D Institutes in universities

**Main spheres of innovation activity:**

- New materials and nanotechnology:
  - Nano-composite coatings
  - Metal nano-powders
  - Nano-ceramics
  - Nano-filters

- Industrial electronics and instrument making

- Biotechnological research
Advantages of Tomsk region:

- Tomsk region is a Russian leader in innovation potential. According to the highly-regarded rating agency, Expert-RA, Tomsk region is fourth among the regions of Russia with the greatest preconditions for innovative development.

- In 2005 the Strategy of socio-economic development of Tomsk region till 2020 was worked out.

- An important competitive advantage of the region is the presence of a wide range of scientific and educational facilities, which can enable the development and inculcation of modern technologies at existing and newly-created Tomsk enterprises.

- More then 400 innovative organizations are found in Tomsk region, which includes companies of manufacturing activity and small scientific and inculcation companies.
General result of internship 2010-2011 (quotation from final presentation joined German – French group)

We will come back as soon as possible!