

List of some GCE Group clients (complex energy audit)

OIL AND GAS SECTOR



GAZPROM—the world's second largest gas company
 №2 in the Forbes list of largest oil and gas producers

TRANSPORTATION:

- Gazprom transgaz Saint-Petersburg
- Gazprom transgaz Samara
- Gazprom transgaz Ekaterinburg
- Gazprom transgaz Makhachkala
- Gazprom transgaz Chaikovsky

EXTRACTION:

- Gazprom dobycha Noyabrsk
- Gazprom dobycha Yamburg
- Gazprom dobycha Nadym
- Gazprom dobycha Astrakhan
- Gazprom dobycha Urengoy



GAZPROMNEFT —one of the largest oil recovery companies
 Inside the Top Five of oil recovery companies in Russia according to oil output volumes

REFINING:

- Gazpromneft — Moscow Oil Refinery Plant

EXTRACTION:

- Gazpromneft-Noyabrskneftegaz



ROSNEFT — one of the World's largest oil and gas companies
 № 15 in the Forbes list of largest oil and gas producers

EXTRACTION:

- Yuganskneftegaz
- Severnaya Neft
- Udmurtneft
- Stavropolneftegaz
- Krasnodarneftegaz
- Vankorneft

REFINING:

- Moscow Plant «Nefteproduct»



LUKOIL —one of the world's largest oil and gas companies providing 2,2% of world's oil refining
 № 68 in The Forbes list of World's Biggest Public Companies

REFINING:

- LUKOIL -Ukhtaneftepererabotka
- LUKOIL –Stavrolen



RUSSNEFT — one of the largest oil & gas companies in Russia

EXTRACTION:

- Ulyanovskneft
- Belkamneft
- Varioganneft
- Tomsk neft
- Saratovnetegaz
- Multitype Company «Aganneftegazgeologia»
- NAK «Aki-Otyr»

REFINING:

- Orskneftegzsintez
 (one of the largest oil refining plants in Russia with installed capacity more than 6,6 mln. tons per year)



TNK-BP — one of the leading oil companies in Russia, inside Top Ten of the largest world's oil and gas recovery companies

№ 149 in The Forbes list of World's Biggest Public Companies

REFINING:

- Ryazan Oil Refining Company (one of the largest oil refinery enterprises in TNK-BP group, with installed capacity 17 mln. tons per year)

EXTRACTION:

- Rospan International

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SEVERNEFTEGAZPROM — one of the major developers of Russia's largest oil-gas-condensate fields in Russia. Developer of South-Russian oil and gas condensate field — major resource potential of «Nord Steam» gas pipeline

EXTRACTION:

- Severneftegazprom



NOVATEK — leading independent gas producer in Russia

EXTRACTION:

- Tambeyneftegaz



BASHNEFT — inside The Top Ten of the largest oil recovery companies in Russia

EXTRACTION:

- Bashneft-Dobycha



ALLIANCE OIL COMPANY — a leading independent oil and gas company with vertically integrated operations in Russia and Kazakhstan

REFINING:

- Khabarovsk Oil Refining Plant (one of the largest oil refinery plants in Russia, with installed capacity more than 4,4 mln. tons per year)
- Primornefteproduct (Vladivostok oil handling terminal)



TRANSNEFT — Russian oil transportation monopoly, transfer pipelines operator

TRANSPORTATION:

- Transsibneft



TRANSNEFTEPRODUCT — one of the leading global companies specialized on light fuel products transportation from 17 oil refinery plants to different Russian regions, Kazakhstan, the Republic of Belarus, Ukraine, Latvia, Hungary through main trunk pipeline system

TRANSPORTATION:

- Sibtransnefteproduct
- Mostransnefteproduct



REPSOL — the largest oil and gas company in Spain
 № 140 in The Forbes list of World's Biggest Public Companies

REFINING:

- Petronor



ORLEN — one of the major European oil refiners

REFINING:

- PKN Orlen



SIBUR — the largest integrated gas processing and petrochemical company in Russia and CIS as well as in Central and Eastern Europe as measured by revenues

PETROCHEMICALS:

- Sibur-Khimprom
- Tobolsk-Neftekhim

Other oil refinery plants

- **Mariysk Oil Refinery Plant** (one of the largest oil refinery plants in Russia with installed capacity more than 1250 ths. tons per year)
- **Slavneft-Yanos** (one of the largest oil refining plants, laureate of numerous prizes as one of the top industrial enterprises in Russia)

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POWER SECTOR



RAO ENERGY SYSTEM OF EAST— Russian power holding, operating in the whole territory of The Far Eastern Federal District

DISTRIBUTION:

- Yakutskenergo — vertically integrated company, holds one of the leading positions in power transmission lines length (more than 20 thousand km) and served area
- Sakhalinenergo — largest power energy supplier in the Sakhalin Region
- Kamchatskenergo — major power energy supplier in the Kamchatka Region
- Far East Distribution Grid Company — major power energy supplier in the Khabarovsk Territory, Primorskiy Territory, The Amur Region

GENERATION:

- Far-Eastern Generating Company — one of the leading generation companies in Russia and principal participant of Far-East energy market



INTER RAO UES — sole Russian export/import power operator. Power supply geography includes Russia, Kazakhstan, Georgia, Moldova, Turkey, Finland, China, Lithuania and Latvia.

GENERATION:

- TGK-11 — interregional generating company
- OGK-1 — the largest thermal wholesale electricity generator created in the course of Russian electric power industry reform



E.ON — one of the world's largest investor-owned power and gas companies

GENERATION:

- OGK-4 — the largest, in sales volume, heat generation company in Russia. Generating capacity is more than 5% of the total power generating in Russia



INTERREGIONAL DISTRIBUTION GRID COMPANIES HOLDING — one of the world's largest electric grid companies

DISTRIBUTION:

- Astrakhanenergo — regional distribution company covering 16 distribution zones
- Tumenenergo — the biggest electric power distribution company in Russia
- Mordovenergo — covers 26 distribution zones in the Republic of Mordovia (total area is about 26,1 ths. sqr. km with the population of more than 888 ths. people)
- Krasnoyarskenergo — supplies electric power to the Krasnoyarsk Territory (one of the largest constituent unit of The Russian Federation) and covers the area of 2339,7 ths. sqr. km with the population of 3 million people
- Vologdaenergo — supplies electric power to the territory of 145,7 ths. sqr. km with population of 1,4 million people



CPFL ENERGIA — the largest non state-owned group of electric energy generation and distribution in Brazil and the third biggest Brazilian utility company, financing its clients' enterprises, among which are:

- Companhia Paulista de Força e Luz
- 3M Industry

Other power sector enterprises

- TGK-2 — leading heat and power company in the Northern and Northwest parts of Russia

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METALS AND MINING SECTOR



ALCOA — the world's leading producer of primary aluminum, fabricated aluminum and alumina

- Alcoa Aluminio S.A. Inc.



NORILSK NICKEL — the world's largest producer of nickel and palladium and one of the leading producers of platinum and copper

- Polar division of Mining and Metallurgical Company «Norilsk Nickel»
- Kola Mining & Metallurgical Company
- Polar transportation division of Mining and Metallurgical Company «Norilsk Nickel»



EVRAZ GROUP — a large vertically-integrated steel, mining and vanadium business with operations in the Russian Federation, Ukraine, Europe, USA and Canada. EVRAZ GROUP is among the Top 20 largest steel producers in the world with 16.8 million tons of crude steel in 2011

- Evrazruda



RUSAL — the world's largest aluminum producer and one of the world's major producers of alumina. The company was founded in 2000 and, following its merger with SUAL and the alumina assets of Glencore International plc., became the global aluminum industry leader in 2007

- Nadvoitsy Aluminium Smelter
- Bogoslovsky Aluminium Smelter
- Kandalaksha Aluminium Smelter
- Volgograd Aluminium Smelter
- Novokuznetsk Aluminium Smelter



METALLOINVEST — global leading producer and supplier of iron and direct reduced iron, one of the major regional steel producers

- Oskol Electrometallurgical Plant
- Lebedinsky Mining and Processing Plant
- Mikhailovsky Mining and Processing Plant



MECHEL — one of the leading Russian companies. Its business includes four segments: mining, steel, ferroalloy and power. MECHEL unites producers of coal, iron ore concentrate, nickel, steel, ferrochrome, ferrosilicon, rolled products, hardware, heat and electric power

- Korshunovsky Mining and Processing Plant



SEVERSTAL — one of the world's leading vertically integrated steel and steel related mining companies with assets in Russia, the USA, the Ukraine, Latvia, Poland, Italy, Liberia as well as investments in Brazil

- Vorkutaugol
- Cherepovets Iron-and-Steel Works

Other mining and metals enterprises

- **Bogatyr Komir** — the largest in Kazakhstan, dynamically developing company for the extraction of coal by opencast methods. Total recoverable reserves of the company comprise 3 bln. tons of coal
- **Volzhsky Pipe Plant** — among the Big 8 of Russian pipe plants. One of the is leading suppliers of seamless drawn pipes for oil and gas, chemical, petrochemical industry sectors and large diameter spiral seam pipes and longitudinal welded pipes for main gas pipelines and oil pipelines

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CHEMICAL SECTOR



URALKALI — world's №1 potash producer by output

- Uralkali (Berezniki city)
- Silvinit



PHOSAGRO — one of the world's largest producers of high-grade phosphate rock, phosphate fertilizers
Europe's leading and Russia's only producer of monocalcium feed phosphate
The world's third largest producer of ammophos and diammonium phosphates
The world's third largest producer of apatite concentrate
Russia's only producer of nepheline concentrate

- Cherepoveczkiy Azot
- Agro-Cherepovecz
- Ammophos
- Apatit
- Balakovo Mineral Fertilizers



EUROCHEM — Russia's largest mineral fertilizer producer and ranks among the top three European and top ten global producers by profitability

- Kovdorskiy Mining and Processing Integrated Plant
- Nevinnomisskiy Azot



SIBUR — the largest integrated gas processing and petrochemical company in Russia and CIS, as well as in Central and Eastern Europe

- Sibur-Khimprom
- Tobolsk-Neftekhim
- Yuzhno-Balyksky gas processing plant
- Krasnoyarsky Synthetic Rubber Plant



UNILEVER is one of the world's leading producers of food products and household chemical goods

- Unilever Rus

Other chemical enterprises

- **Kaustic (Sterlitamak city)** — holds the leading positions in Russia for production of caustic soda, chlorine, synthetic hydrochloric acid, chlorinated paraffins, solid calcium chloride
- **Soda (Sterlitamak city)** — the company comprises facilities that manufacture more than one hundred chemical products, construction materials, and household chemical goods
- **Sintez-Kauchuk** — one of the leading producer of isoprene rubber in Russia
- **Omsk kauchuk** — one of the leading plants in Russia producing synthetic rubber

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CEMENT SECTOR



EUROCEMENT GROUP— one of the biggest cement companies in the world. It has 16 cement plants across Russia, Ukraine and Uzbekistan, as well as several concrete mix plants, concrete goods factories and aggregate-mining quarries

- Oskolcement
- Savinsky cement plant

HEIDELBERGCEMENT

HEIDELBERG CEMENT — the global market leader in aggregates and a prominent player in the fields of cement, concrete and other downstream activities, making it one of the world's largest manufacturers of building materials

- Ambuja Cement
- Slantsy cement plant «Cesla»



LSR GROUP — one of the leading real estate development, construction and building materials companies in Russia

- LSR-Cement

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OTHER INDUSTRIAL SECTORS

FOOD PROCESSING



COSAN S/A — public company, a Brazilian conglomerate, producer of bioethanol, sugar and energy

- Rafard Unit
- Santa Helena Unit



HEINEKEN — worldwide brewing company

- Plant «Shikhan»



UNILEVER — one of the world's leading producers of food products and household chemical goods

- Unilever Rus

MACHINE BUILDING AND REPAIRING



VOLVO GROUP — one of the world's leading manufacturers of trucks, buses, construction equipment, drive systems for marine and industrial applications

- Volvo Vostok

Other
 machine building and
 repairing enterprises

- **Chernyshev Moscow Machine Building Enterprise** — one of the leading companies of the Russian Defense Industrial Complex, specializing in aero engine production
- **Production Association «Northern machine – building enterprise»** — the largest ship-building complex in Russia
- **«82 Ship repair yard»** — one of the largest ship repairing centers in Russia
- **«Zvezdochka» Ship Repair Center** — leading ship repairing center in Russia
- **Central Design Bureau for Marine Engineering «Rubin»** — leading Russian company in non-nuclear and nuclear submarines designing

PULP AND PAPER

- **Kotlas Pulp and Paper Mill** — the biggest enterprise of pulp and paper sector in Russia
- **Arkhangelsk Pulp and Paper Mill** — one of the major enterprises in pulp & paper sector in Russia
- **Kondopoga Pulp and Paper Plant** — the biggest newsprint paper producer in Europe

TRANSPORT



NSCP GROUP — one of the largest European providers of stevedoring and port services. The Group is the third largest port operator in Europe by cargo turnover, and the undisputed leader in the Russian market

- Novorossiysk Commercial Sea Port
- Novoroslesexport
- Novorossiysk Grain Terminal



RUSSIAN RAILWAYS — the second largest network in the world with 85,200 km of track

- Kuybishev Railway
- Moscow Railway
- North-Caucasus Railway
- Kaliningrad Railway
- Oktyabrskaya Railway
- Northern Railway

Other
 transport enterprises

- Murmansk Fishery Sea Port
- Arkhangelsk Commercial Sea Port
- Tuapse Commercial Sea Port
- «Pulkovo» airport
- «Norilsk» airport
- Volzhsky tire plant