



STRATEGIC PARTNERSHIP





«PJSC Gazprom is a global energy company that aims to be the leader of the global energy market. We solve complex problems such as the development of new gas production centers, especially the Yamal Peninsula, Eastern Siberia, the Far East, as well as the Russian continental shelf.

We have many years of reliable gas supplies to our Russian and foreign customers. Recently, PJSC Gazprom has entered new markets, and for gaining these ends new projects for gas transportation are implemented such as «Power of Siberia», «Nord Stream», «Turkish Stream». The company is actively engaged in refining and gas chemistry. In all these cases we need experienced and skilled professionals. We are looking forward to see you with us!»

Sergey Fyodorovich Khomyakov
Deputy Chairman of the Board
PJSC Gazprom,
CEO of Corporate Protection Service



**USTU rector, professor,
chairman of the rectors' board of higher
education institutions in the Komi Republic,
deputy chairman of the National Scientific
and Educational Innovation
Technological Consortium of universities of
mineral, fuel & energy complexes
N. D. Tskhaday**

CONTENT:

The whole history of partnership of Ukhta State Technical University with the company «Gazprom» suggests: every year our cooperation becomes more and more saturated, more and more interesting. We always remember that back in Soviet times «Gazprom» participated in financing the construction of the largest educational building of the University - the building «L». We highly appreciate a lot of research work performed by request of the company within our scientific and pedagogical schools. The living and constant reminder of cooperation is a cascade of personalized Gazprom classrooms in the university.

We often remember with pleasure these and other products of our nearly half a century cooperation. But in the context of recent developments we should say about the close continuum of our scientific and technical dialogue. During every year the University hosts a number of scientific conferences and seminars of international, Russian and regional levels. They are Rassokhin reading, Transregional Scientific Conference «Problems of deposit development of heavy oil and bitumen», International Youth Scientific Forum «Severgeoecotech», International industry partnership forum «Integration», Forum «Innovation» and many other activities, which are aimed at analyzing and solving urgent issues of energy companies and the experience exchange among experts. None of these forums is complete without the participation of a representative of LLC «Gazprom Transgaz Ukhta». This allows university students to communicate with company employees directly, to see the prospects that will be opened in front of them after graduation. In turn teachers, postgraduate students, university students are constant participants of scientific events organized by the company. A scientific-practical conference of young workers of «Gazprom Transgaz Ukhta» for young scientists of UGTU is not only a great launching pad in a scientific career, but also a tool to develop the necessary professional competences.

All these are traditions. But every working day gives us new reasons for joy and, if I may say so, satisfaction of scientific merit sense. University for the past three years has been a support institution of «Gazprom», and this fact became an important impetus for the development of our relations in the scientific field, their rising to a new qualitative level. Currently, we are implementing the «Program for research and development carried out by the support university «Ukhta State Technical University» in the interests of PJSC «Gazprom» for 2015-2017». It includes ten projects, four of which are implemented on the basis of LLC «Gazprom Transgaz Ukhta». Two of them are quite traditional, they relate to current processes and technologies of gas transport. These are elaborations «Sustaining beam transitions of Bovanenkovo-Ukhta gas pipelines under operation in permafrost soils» and «Research of technical condition of technological piping compressor workshops at the initial stage of operation». The other two projects are literally unique.

This is a project «Development of sorption-capacitive transducer of dew-point temperature of the water in natural gas and sample preparation devices for the purpose of import of foreign analogues». This project opens up an entirely new direction in our scientific cooperation. As a result of its implementation there will be the creation of a new effective device, generally the emergence of new perspectives in the production development, new technical and technological opportunities.

Finally, the project, which is regarding the company «Gazprom» can be called the first sign for our humanities-minded people: «Development of a universal adaptation unit of the organizational culture of educational institutions in accordance with the main characteristics of the corporate culture of PJSC» Gazprom «. The proposed an adaptation unit of the organizational culture of the university is meant to improve performance of personnel services of the Company and its subsidiaries, as it will be designed in accordance with the basic characteristics (values, principles, norms and symbols) of the corporate culture of PJSC «Gazprom». It will contribute to more efficient development listed in the Code of Ethics of PJSC «Gazprom» the personal qualities of the future employees of the Company, which today are the students of the USTU. I should note that a humanitarian issue became a part of a program of scientific researches and researches carried out by the University for the benefit of the company «Gazprom» for the first time. The fact that it was rated as promising, adopted at the highest level and recommended for implementation, we see as very encouraging and we believe that it will begin our regular scientific cooperation in the humanitarian sphere.

The presented program is a huge step forward in scientific collaboration between the University and PJSC «Gazprom». This is a major stimulus for supporting university researches by the company. And we thank its leadership and staff for the appreciation of our work and the inclusion of university researches into scientific development plans of the company. Without doubt, it will highly increase the level of training of our graduates who join the company staff «Gazprom». And these are the main fact and the main goal of our cooperation.

USTU IS THE NORTHERN OUTPOST OF RUSSIAN OIL AND GAS EDUCATION

UKHTA UNIVERSITY IS A SUPPORT UNIVERSITY OF PJSC GAZPROM

STRATEGIC PARTNERSHIP BETWEEN USTU AND PJSC GAZPROM

PROJECT «U-TIME»



USTU is the Northern outpost of Russian oil and gas education

The University was created to provide training to the economy of the Komi Republic. Today this is the institution not only of regional, but also transregional importance: it trains specialists for such giants of the Russian economy as PJSC «Gazprom», OAO NK «Rosneft», PJSC «LUKOIL» and JSC «AK» Transneft «, subsidiaries of which are located in nine regions of the Northwestern Federal District of Russia. The dominant feature of the educational activities of the university is to train personnel for the oil and gas industry.

Ukhta State Technical University is the largest multidisciplinary technical university in the European North of Russia. University starts its history with the opening of educational consulting center of the Moscow Institute of petrochemical and gas industry named after Gubkin in Ukhta in 1958. Subsequently, the center was changed into the evening and correspondence faculty of the institution. Ukhta Industrial Institute was found on the base of the faculty on 22nd March, 1967. The status of the University was assigned on 14th April, 1999. In 2011, the University was reorganized into university complex. Rector of the University is Nikolay Denisovich Tskhadaya, doctor of technical sciences, professor, member of Russian Academy of Natural Sciences, chairman of the rectors' board of higher education institutions in the Komi Republic.

Today Ukhta University is a university, which fully performs continuous multilevel trainings for a wide range of specialties. At the same time the core of the educational process is still oil and gas specialties.

Ukhta University takes a rightful place in the community of oil and gas universities in Russia, which cooperates with colleagues from Moscow, Ufa and Tyumen. Advances in student science, modern information technologies, social activities and sports are recognized both in the republic and

the community partners.

Over the years, the University prepared about 85 000 specialists for oil and gas, geology, construction, timber industries. Among university graduates, there are people whose names are the glory of the Fatherland. The title of Hero of Russia (the first in the country since the Great Patriotic War), was awarded to Alexander Alekseev (posthumously).

Today over fifteen thousand students study at USTU. The university consists of five institutions:

- Institute of Geology, Oil and Gas Production and Pipeline Transportation;
- Institute of Civil Building and Engineering;
- Institute of Economics, Management and Information Technology;
- Institute of Advanced Training;
- Institute of Industry (vocational secondary education including Mining & Oil College, Industrial College and Industrial Economic Forestry College of USTU).

There are USTU branches in the towns of Vorkuta and Usinsk.

The current dynamics of improved technology offers an imperative of continuing education. Nowadays it is impossible to maintain professional competence, meeting the requirements of production, without continuous trainings.

Currently the educational vertical University is a system of continuous multilevel trainings from primary education, performed in elementary school «Rostok», to preparing scientific personnel of the highest qualification. Primary and secondary professional education is carried out in the Institute of Industry of USTU. A basic higher education, Master degree and postgraduate programs form the main educational level. There are two dissertation councils, Institute for Advanced Studies, which is an independent attestation methodical center.

In fact, the subject of training can go through all the stages of the educational process from comprehensive school to graduate school, staying within the educational environment of the university. Besides, anyone can get a blue-collar job, secondary vocational education, additional post graduate vocational education; higher education can be continued up to the level of highly qualified scientific personnel with defending master's and doctoral theses.

Today the University effectively implements the concept of a continuous multi-level education, which is 28 programs of secondary vocational education, 27 specialties

and training areas of specialist, bachelor, master degree, 19 specialties of postgraduate study. In general, the educational process is carried out for about three hundred educational programs.

The activity of the university complex is determined by the following development priorities:

- «Environmental security and reliability of oil and gas facilities»;
- «Development of oil and gas condensate and oil fields with stranded reserves»;
- «Physical and mathematical modeling in earth sciences»;
- «Development and improvement of the technical means and technologies of sustainable development of forest resources in the Far North».

One of the important results of the University is the victory in the contest of the Federal target program «Human Resources for the regions». The «Human Resources for the Komi Republic» provides for the modernization of educational programs and the opening of new educational directions. Training on Geological Surveys direction is being updated at the university: personnel is prepared for specialization «Geophysical Information Systems», which meets the world trends in the





development of geophysical methods. A new direction of Master's degree «Resources development of heavy oil and bitumen», which is relevant to the region, was opened.

Within the framework of the program «Human Resources for Regions» the University improves additional professional education. The program «Construction and operation of the main transport of oil and gas», implemented by the order of oil and gas enterprises, was updated. For the past two years about six thousand people got additional education at the University for workforce development of the Komi Republic.

Another new educational program is a program of applied bachelor degree in «Oil and gas engineering». Its specificity is that graduates of higher education get not only engineering specialty, but also blue-collar occupations.

There are 517 teachers, including 68 professors, doctors of sciences, 225 assistant professors, PhDs, who work at the University. Among them there are 5 academicians and 4 corresponding member of the Russian Academy of Natural Sciences, 1 academician and 1 corresponding member of the Russian Academy of Sciences, 6 distinguished workers of the Komi Republic, 58 honorable workers of higher professional education of the Russian Federation, 1 honored worker of science of the Russian Federation, 8 honored workers of Higher School of the Russian Federation.

The basis of university education has always been science, but an organic and optimal form of organization for the university research activities is the scientific and pedagogical school, linking to a single research team working on a major scientific problem, professors, lecturers, postgraduate students and students of the University. At USTU there are twelve officially registered scientific pedagogical

schools, and all of them, anyway, are concentrated around science-based issues of oil and gas industry.

Achievements of the school «Drilling in the European North of Russia» are widely known. It has joined significant scientific force, and its effectiveness is proved by practice not only in our region. School works «Theory and Practice of inverse problems of geophysics» are of universal value in the field of earth sciences.

Among the most successful scientific and pedagogical schools of USTU it also should be noted such schools as «Experimental research and computer modeling of physical and mechanical systems within the framework of continuum mechanics»; «Development and exploitation of oil and gas fields»; «Machinery, equipment and processes in the oil and gas production and transportation in the Far North».

Many developments created within schools «Improving health and safety conditions in the European North»; «Drilling in the European North of Russia», have a «mining» application. Directly mining is a line of researches, performed by school «Regional mineralogy and geochemistry».

A great scientific potential of school «Theory and practice of inverse problems of geophysics» indicates the fact of university-based international scientific school-seminar «Theory and practice of integrated geological interpretation of gravity, magnetic and electric fields,» and All-Russian Geophysical Conference and Fair «Technoecogeophysics - new technologies for extraction of mineral resources in the 21st century». Revived after a 12-year pause, the conference brought together luminaries of national geophysics in Ukhta.

The University runs a number of scientific meetings of national and international levels: International seminar «Rassokhin reading»,





Виват выпускникам
Ухтинского государственного технического университета!



Transregional scientific-technical conference «Problems of development and operation of heavy oil and bitumen fields», Transregional scientific-practical conference «The role of universities in the implementation of Russian Arctic strategy: technological, environmental, socio-cultural aspects», International seminar «Non-Newtonian systems in the oil and gas industry», International workshop named after D.G. Uspenskiy «Theory and practice of geological interpretation of gravity, magnetic and electric fields» and others.

Besides the fact that scientific and pedagogical school is the highest form of realization of the traditional university principle of integration an educational process and scientific researches, it is also an important way of cooperation the University with businesses in the region in addition to trainings.

The scientific potential of the University is fully engaged into the educational process. The principle is to prepare specialists who will come fully prepared for the production of the latest scientific advances. More than

six hundred students of USTU, which is one tenth of the full-time contingent, are involved into research activities of different levels in the framework of projects carried out by scientific and pedagogical schools. And these are works except so-called SSRP (Student Scientific Research Project) built into the educational process. Students' results of scientific works are showed at various scientific forums; on average, every second student of USTU leaves Ukhta to participate in scientific conferences at least once during the study. And as for youth scientific forums, which are held on the basis of Ukhta University, almost all the students are involved into them.

Innovative university environment, which includes a variety of teaching, research and production centers, is developing dynamically: educational center of labor protection, energy saving regional center, training center for architectural and construction activities and engineering services, integrated training and scientific-production forest enterprise, science and technology center «Technics and technology of well drilling», regional

center of expert review for industrial safety and safety of oil and gas industry facilities, center of scientific-technical and scientific-production enterprise, center of intellectual and patent and licensing activities and others.

Significant scientific potential of the University became the basis for opening the Komi regional department of the Russian Academy of Natural Sciences. The department consists of scientists of nearly all academic and industrial research institutes and universities of the Komi Republic. The results of their works are presented in a variety of books.

On the university base there is an innovative regional clusters of the Komi Republic «Fuel-energy technology», a business incubator «Motherland of the first Russian oil - Ukhta», high-tech industrial park.

Thanks to its own innovation infrastructure the University was able to work as a core of innovative territorial cluster of the Komi Republic «Fuel-energy technologies». Its gas, oil transportation, oil and scientific segments were formed.

Prospects for the development of

the cluster are connected primarily with the prospects of development and exploitation of hydrocarbon deposits on the Arctic shelf of Russia, on the Yamal Peninsula, as well as solving complex problems of optimization of mining methods of stranded oil and gas reserves. Bilateral contractual relationship between the USTU and industrial partners, which are subsidiaries of the largest oil and gas companies PJSC Gazprom, PJSC LUKOIL, JSC AK Transneft, OAO NK Rosneft, «Zarubezhneft» put together the structural basis of the cluster.

In the foreseeable future - 30-50 years - the cluster must be the main organization for the implementation and maintenance of innovative oil and gas technologies in the territory, as well as promoting its own technologies to the world markets.

The second major component of the cluster activity will be providing oil and gas companies, their contractors and business partners with human resource capacity in the regions.

Building of a business incubator based on USTU with an area of approximately 3000 m², which is the first business incubator in Ukhta, is going to finish soon. Considering the geographically and historically formed priorities and dominants of development of the Komi Republic and the USTU, with priority of oil and gas area we declare basic mineral resources orientation of a business incubator in its brand name «Motherland of the first Russian oil - Ukhta». It will be focused on the solution of innovative scientific and practical problems in the region: growing number of small businesses, increasing business innovation activity and stimulating of entrepreneurial behaviors among young people.

The business incubator is a system attribute of a high-tech technopark, space for innovative development of university science. It can be noted that the first stage of technopark is completed. Technopark is designed to organically combine a whole range of property assets, infrastructure and other projects, such as a business incubator, historical and ethno-industrial park «Ukhta is the Motherland of the first Russian oil», centers of collective use of scientific equipment, engineering and technology transfer, comfortable modern accommodation and etc.

Today the University has twenty educational and laboratory buildings,



fourteen dormitories, a large research library, progressive publishing and printing base, a huge sports complex, a superb health resort, a recreation camp, an educational and geodetic base, a training and experimental oil field, a training and experimental forestry farm. Development of material and technical base of the University is mainly the result of partnerships with industrial companies.

One of the striking facts of this cooperation was the opening of an educational and practical ground at USTU Mining & Oil College last year within the framework of events dedicated to the 85th anniversary of the oil and gas industry of the Komi Republic. This is a unique project implemented by joint efforts of the University and business partners. In the training ground there is a wide range of equipment used in oil and gas enterprises of the region. The equipment serves as a visual aid for students of the university complex, as a result first year students get some ideas of extraction and processing processes, transportation of minerals, and especially specifics of a particular production, which was the main aim of making the training ground.

Thanks to the cooperation with enterprises more than forty personalized classrooms and laboratories were opened in the university, including four large audiences with the capacity of 150-200 seats. However, this is not the only direction of such partnership.

USTU cooperates with all petrochemical enterprises of the Komi Republic, as well as with the various companies of the mining, forestry and construction industries.

The body of the university graduates is a significant part of personnel of qualifications at all levels of the subsidiaries of such giants of the domestic economy as PJSC Gazprom, PJSC AK Transneft, OAO NK Rosneft, PJSC LUKOIL, «Gazprom drilling», «Zarubezhneft». The subsidiaries of these companies run their production activities in the territory of the Komi Republic and five other regions of the Russian North. USTU graduates make up between a quarter and half of the staff of such companies, enterprises, institutions such as «Gazprom Transgaz Ukhta», JSC Transneft-North, LLC LUKOIL-Komi, CCI LUKOIL-Usinskneftegaz, CCI LUKOIL-Ukhtaneftegaz, LLC LUKOIL-Uhtaneftepererabotka,

JSC RN-Severnaya Neft, NGO Severneftegaztehnologiya, a subsidiary of «Gazprom VNIIGAZ in Ukhta», a North branch of LLC LUKOIL-Severo-Zapadnefteprodukt, a branch «Ukhta drilling» LLC «Gazprom drilling», «Gazprom-processing», JSC Ukhtaneftegazgeologia, JSC Komineftegeofizika, LLC Komiregiongaz, oil and mining supervision «Yarega-neft», a branch LLC LUKOIL-Engineering «PechorNIPIneft». All these companies annually take dozens of USTU students to practice (educational, industrial, diploma); Teachers - for internships. The leading university research teams carry out research and technical development at the request of companies. Dozens of diploma projects are also performed at the request of oil and gas companies. Many of their employees are in charge or form a part of the state certification committee, lead graduate students and advise them. There are scholarships given by companies. Enterprise staff is actively involved into scientific and technical conferences of USTU («Severgeocotech», «Problems of production of high-oil and bitumen», «Integration», «Rassokhinskiy reading»); university staff and teachers



USTU business incubator





regularly participate in scientific forums organized by enterprises. The future employment in such successful companies is a powerful motivation for students to learn better, and for prospective students in the choice of a high school.

The main customers of research output of the University are such companies as «Gazprom Transgaz Ukhta», JSC Transneft-North, the various subsidiaries of the company PJSC LUKOIL. We work in close cooperation with a branch of «Gazprom VNIIGAZ in Ukhta» and a branch of LLC LUKOIL-Engineering «PechorNIPneft».

It is important to note a long cooperation experience of university research teams with oil workers of a unique Yarega field. A lot of these researches are based on material of these mines.

The University is actively developing scientific, industrial, educational relations with various institutions: with the universities in the framework of the Community of oil and gas universities in Russia, with the Komi Scientific Center of Ural Branch of Russian Academy of Sciences, Academy of Natural Sciences Department of the Komi Republic, a number of research and design institutes.

Especially it stands to mention the intensification of cooperation the University with the authorities of the Komi Republic.

Recent years have been marked by the fact that USTU representatives permanently participated in several commissions at the Government of the Komi Republic. Partnerships with the relevant ministries of the Komi Republic such as the Ministry of Education, Ministry of Economic Development, Ministry of Culture, Ministry of Health, the Agency for Physical Culture and Sport are developing as well. In particular, one of the results of these relations was the joint with the Ministry of Education of the Komi Republic arrangement of the large, already traditional, national events such as Youth Innovation Convention «Youth is the future of the Komi Republic» and the Youth Educational Forum «Innovation: Krokhal» based on the University. This year we held them for the fifth time.

Among the major annual events organized by USTU there are other which are worth mentioning: International youth scientific conference «Severgeocotech»; Transregional youth humanitarian

conference «Communication. Society. Spirituality»; Republican research schoolers' conference «Integration»; Republican meeting of student units; Transregional festival of dance art «Dance Integration»; Consortium Olympics of universities of mineral, fuel and energy profile and others.

The University plays a key role in maintaining the socio-cultural harmony in Ukhta, as well as in the towns of Vorkuta and Usinsk, where USTU branches are located, which has a positive effect on the overall socio-cultural climate of the Republic. Our socio-cultural motto «Ukhta is a university town» is a logical progress into a motto «From a smart University to a smart town and smart Republic».

Speaking of Ukhta as a university town, it ought to be remarked that in any way this cultural and educational motto doesn't run contrary to the industrial dominant of the town, its status as the industrial capital of the Komi Republic. Being a university town means to affirm the cult of science and knowledge, the atmosphere of higher education and research spirit. All the social and communicative USTU projects serve this aim, and university educational work is used to achieve it.

The university has several volunteer





units: the search party «Ukhtinets», «Victory Committee» movement «Elder brother» organized for the student patronage over pupils of the Ukhta boarding school; Students volunteer fire and rescue squad; «The Union of young and large families of Russia»; movement «Bogatyr», volunteers of which assist students with disabilities; Orthodox military patriotic club «Vityaz»; Operational youth squad of vigilantes; the unit « National sobriety union». The university opened the Komi regional department of youth-Russian public organization «Russian student units», numbering about 800 men, 400 of them are students of USTU.

It must not escape our attention from a unique volunteer project «War Memory of a lifetime», which was initiated and realized by our university to the anniversary of the Victory.

At USTU it exists for several years. University students under the supervision of the Department of history and culture collect memories of inhabitants, participants of the Great Patriotic War, residents of besieged Leningrad, who live in Ukhta and Sosnogorsk now. University published three illustrated books of memoirs. We made a proposal to extend the project

to the whole Republic. The idea was supported by Council of Rectors of the Komi Republic, the Head and the Government of the Komi Republic. The project was included in the Republican plan of events dedicated to the 70th anniversary of the Victory. USTU put it into practice in the northern regions, Syktyvkar State University – in the southern ones. Hundreds of people - students, teachers, university staff, school students and teachers of secondary schools, staff of town and regional museums, historians took part in collecting memories under the guidance of Department of history and culture. The project won a national contest for the publication of socially important literature, the collection was published at the expense of the Republican budget, printed in the Komi Republican printing house. It includes more than three hundred stories of soldiers.

Ukhta University is famous for its sports traditions. The university prepared more than one hundred masters of sports, including masters of sports of international level, champions of Russia, Europe and the world, participants and winners of the Olympic Games: the swimmer Alexander Sukhorukov - Olympic

silver medalist, champion of Russia, Europe and the world; skier Ivan Pronin - participant of the Olympic games, the champion of the USSR, Europe and the world; boxer Eduard Zakharov - participant of the Olympic Games, European champion; skier Stanislav Volzhentsev - participant of the Olympic Games, multiple champion of Russia; Ivan Anisimov - world champion in ski-skaters, Vitaliy Pavlov - Russian champion in polyathlon Andrey Parfyonov - the champion of Russia in ski races. Basketball team «Planet University» plays in the major league of Russian championship, there is women's hockey team «Arctic University».

The University has a humanitarian project «Constellation of smart clubs»; there are numerous creative teams, which involve more than three hundred people. This is a student theater-studio «Freski», a vocal-choral studio, a youth pop dance group «United Beat», an ensemble of ballroom dance «Nezhnost» and «Radost», a folk dance ensemble «Nargiz» and others. Creative groups worthily represent the University at competitions and festivals of all levels: town, Republican, all-Russian, international.





University implements innovative projects «Young Ukhta» (model of the work organization with young people at the municipal level) and «Civilization of Russia» (project for promoting civilizational achievements of Russia into the public consciousness of Ukhta). A significant thing of these strategic projects is that they have inside a current activity of these associations and many other social and communication projects. Brand focus of all USTU projects is a social and communicative project «Ukhta is the birthplace of the first Russian oil». Its main aim is an active geobranding of the Komi Republic. Widespread implementation of the project allows our town and our University to get more popular, it increases the loyalty of the priority target groups, creates a stable image in the eyes of domestic and foreign public. Through this project the region is becoming more recognizable and attractive, that influents a positive increase of students in vocational education of the Komi Republic.







Basketball game «Match of USTU stars»



Boxing tournament named after E. Zakharov



USTU traditional competition in equestrian sport





Ukhta University is a support university of PJSC Gazprom

In June 2011, the Board of Directors of PJSC Gazprom approved the Program of innovative development of PJSC Gazprom up to 2020. This program identified 9 supporting universities, one of which is Ukhta State Technical University.

The Komi Republic has clear competitive advantages for implementation of the cluster policy in the oil and gas industry. They include advantageous geographical location - on the territory of the Republic there is a big part of the Timan-Pechora oil and gas province. Our neighbors are so rich in oil and gas regions as the Nenets and Yamal-Nenets autonomous district. The Republic has the personnel base for the implementation of such ambitious projects such as the development of the Bovanenkovo and Shtokman oil and gas condensate fields, and developed infrastructure of providing industry with material, technical and human resources, as well as a number of specialized research and design organizations.

Komi region was behind the formation of the national gas industry, and remains a strategic region on the map of Russian gas. In many respects it is a merit of Ukhta State Technical University and its main partner - PJSC Gazprom, so USTU plays and will continue playing an important role in training the leading sectors of the national economy, especially in view of the major projects implemented by PJSC Gazprom in the European North of the country today and in the future.

In the North at the University there is a very important mission - it secures talented youth to stay here. Ukhta University was created in response to the request of the economy: the region needed engineers for the gas industry.

Parallels of cooperation

The University doesn't have any department, which would be responsible for cooperation with the company Gazprom, there is no direction in the activities of the University, which would be out of relations between PJSC Gazprom and the USTU. Opening of new specialties, organization of student practices, activities of board of regents, work of evaluation committees, creation of basic departments of the company, cooperation in additional education, scientific cooperation, dissertations, cultural and sporting contacts, a strong financial support of the University by the company, development of work units, social support for students, international activities - this is not a complete list of our partnership headings.

Today, this beneficial effect spreads not only over the University itself, but also over colleges that joined the university complex of USTU. In general, the concept of continuous multilevel education at USTU got possible primarily thanks to the support and assistance of the gas industry. Students have the opportunity to use all the facilities of the laboratory complex of the University, to creation of which PJSC Gazprom and its subsidiaries made an enormous contribution: for years of our partnership the company equipped with a dozen of laboratories and classrooms of the University, sports complex «Burevestnik» was reconstructed with the support of the company, campus was modernized, academic buildings are being renovated.





Technical Base

Considering that fact that every year at least a hundred of USTU graduates become employees of PJSC Gazprom and its subsidiaries, expenses on development of the technical base of the University is truly a significant investment into development of the production process.

As part of the cooperation program between PJSC Gazprom and the University there were touch stands in the USTU and schools installed, career center in the gas sector and computer simulation center upgraded, laboratory of metrology, transport of gas and oil equipped, library and information center modernized, equipment for live video lectures purchased, as well as broadcasts of seminars and defending of research works and projects in all departments, etc.





Scientific cooperation

Scientific cooperation is not less important area of interaction between the company and the university. Every year there are various joint research projects. During the year the University hosts a number of scientific conferences and seminars of international, Russian and regional levels. This is an international scientific and practical seminar «Rassokhin reading», transregional scientific-technical conference «Problems of deposit development of heavy oil and bitumen,» international youth scientific conference «Severgeoecotech», regional youth scientific conference and competition «Integration», transregional youth educational forum «Innovation» and many other activities, which aim at analyzing and solving actual problems of energy companies and exchange of experiences among experts. None of these forums is complete without the participation of representatives of PJSC Gazprom and its subsidiaries. This allows high school students to communicate with company staff directly, to visualize the prospects that will be opened in front of them after graduation.

Three whales - PJSC Gazprom, USTU, the Arctic

Another strategic partnership direction of USTU is Arctic. The USTU branches Vorkuta and Usinsk are particularly important. They are a kind of northern outposts of the University, which provide a direct interaction with companies working in the Arctic, as well as provide an opportunity to conduct field researches, training of teachers and students in the practices of oil and gas facilities in the Arctic. Usinsk branch can serve as a source of manpower for Prirazlomnoye and other fields of PJSC Gazprom, which are located in the area of the Timan-Pechorskiy Basin of the Arctic shelf of Russia, and operation of these facilities. Prospects of the Vorkuta branch, which has teamed up with the Vorkuta branch of the National Mineral Resources University (St. Petersburg Mining University) are also significant. An acting compressor station of «Gazprom Transgaz Ukhta», which is located on the coast of the Kara Sea, water crossing over Baydaratskaya Bay are nice areas not only for getting production skills by students, but also for creating a research center for implementing and testing innovative technologies, collecting reliable information about the oil and gas equipment in similar Arctic conditions.

The branch of USTU in Vorkuta, the nearest town, which has not only the

developed infrastructure, but also educational, industrial and scientific potential, could become the basis of such a center.

St. Petersburg International Gas Forum

St. Petersburg International Gas Forum is the largest and the only specialized industry event in Russia, the leading platform for the discussion of topical issues of gas industry. Decisions taken by industry leaders on the results of the discussions directly influence the formation of the global gas market. For the first time it was organized in 2011.

Each year, the forum involves leadership of Ukhta State Technical University, this year students of USTU went to the Gas Forum as well.

Organization of student practices

As part of the basic provisions of the policy of human resource management each year about 500 students do all kinds of practical

work in subsidiaries of PJSC Gazprom: training, production, pre-diploma. Every year, on the request of the University various scientific researches are done.

Cooperation in the social sphere

Cooperation in the social sphere illustrates the validity of the definition of «socially oriented company», applied to the PJSC Gazprom. Company and university staff are actively involved into the Olympics, championships and other sports competitions organized by their teams and partners. The company is a constant patron of the University: numerous cultural and sports events of the University (Russian ball, Republican festival of art song, Poetry Day, Games of oil and gas universities, Memorial named after of G. V. Rassokhin in judo and many others) are held under its support. In turn, the creative teams of USTU regularly take part in corporate events of the company. But perhaps the most significant manifestation of social partnership is to ensure summer

vacations of orphans and disabled students, assistance in the social protection of veterans of the Great Patriotic War, in the publication of the memoirs of Ukhta veterans «The war memory of a lifetime». The company has repeatedly provided university labor union with financial assistance for arranging summer vacations of teachers and staff.

The company makes an enormous contribution to the development of work unit movement at the University.

It is worth to mention about the participation of leading experts of the company in the Board of regents of the oil and gas departments of the University, the state examination boards; mutual participation in the group of authors of various books and teaching aids; providing young teachers with internships; grants for teachers and students and other specific things that allow us to speak not only about manufacturing partnership, but also the human community of the two teams.





Delegation of specialists of PJSC Gazprom led by head of Department Elena Kasyan

1st September, the opening of "Ukhta Technical Lyceum named after G. V. Rassokhin" based on municipal budgetary general education institution





The system of multi-level education

The system of multi-level education has proved its efficiency.

The school «Rostok» and technical lyceum are all the offsprings of developed in «Severgazprom» (now «Gazprom Transgaz Ukhta») system for training future industry professionals. Both schools have been established in close cooperation with a team of USTU. By the way, one of the initiators of the technical lyceum of the University, along with Vasilii Podyuk (who was then CEO of «Severgazprom»), was the rector Gennadiy Vasilievich Rassokhin. Since that time the lyceum bears his name.

Gazprom class

USTU takes part in the project «Gazprom-classrooms». In 2015, the first in the Komi Republic «Gazprom class» was constructed on the basis of Ukhta Technical Lyceum named after G. V. Rassokhin. This is due to the historical connection of «Gazprom Transgaz Ukhta» and Ukhta State Technical University, as well as the importance of UTL in an educational area of Ukhta.

Ukhta Technical Lyceum named after G. V. Rassokhin was created by Ukhta Industrial Institute and «Severgazprom» on 1st September 1991. Currently, UTL is the only technical school in our town. The number of students is 462 people (as of September 2015).

Particular attention is paid to the study of physics, mathematics, computer science and chemistry. Most of the classrooms are equipped with specialized training systems and multimedia systems. In 2013, the lyceum was included into the all-Russian base «1000 best schools in Russia».

«Gazprom is for children»

The program «Gazprom is for children» is the largest social project. Since 2007, more than 35 billion rubles were used for it. Program main aims are to create conditions for the harmonious spiritual and physical development of children and teenagers and involve the largest possible number of children into sports clubs, artistic and amateur

clubs. To do this, Gazprom:

- builds and upgrades sports complexes, multifunctional outdoor sports grounds;
- recruits trainers and teachers, purchase necessary equipment for the organization of sports and artistic clubs;
- organizes festivals and sporting events across the country.

With the support of PJSC Gazprom sports complex «Burevestnik» was reconstructed and campus was modernized.

On the territory of Ukhta Technical Lyceum named after G. V. Rassokhin a multipurpose sports field built under the program «Gazprom is for children» was opened.

«Day of PJSC Gazprom at USTU»

The delegation of working committee of the company branches under the leadership of head of department for cooperation with the subsidiaries of the Department of Personnel Management of PJSC Gazprom Tatyana Tokareva visited USTU in January 2012.

It was noted that around 80% of staff of PJSC Gazprom in the European North of Russia are graduates of USTU. Expansion of the company will require more professionals from Ukhta. «Before we were cooperating with Ural universities, - the deputy director of the Human Resources and Social Development of «Gazprom dobycha Nadym» Yuriy Kraplin said. - But now Bovanenkovo field and operation of the pipeline «Bovanenkovo-Ukhta» connect Ukhta with Nadym.

The offshore direction, which was opened at USTU in 2012, significantly expands boundaries of cooperation with Gazprom. «We are ready to cooperate with the institution in terms of filling training programs with specifics of development and operation of offshore fields to increase the competitiveness of USTU graduates «, - head of the Department of Human Resources of «Gazprom dobycha shelf» Nadezhda Kulygina said.

In November 2013 the Day of PJSC Gazprom was arranged at USTU for the first time. Representatives of the company subsidiaries gave mini-lectures to university students, describing a scope of their activities and company possibilities. At the

job fair, which was also held on that day, everyone could learn about job vacancies in different parts of the company or discuss an internship at the facilities of PJSC Gazprom.

Job fair of PJSC Gazprom subsidiaries

What specialties are required by PJSC Gazprom? What criteria are used to evaluate future specialists of the gas industry? What can a graduate, who got a job offer from the company, expect? USTU students could get full and complete replies on these and other questions at the Job Fair of PJSC Gazprom, which was held at the University in September 2014.

The event, which was aimed at presenting job vacancies available at the company to university students, was previously arranged in the framework of the «Day of Gazprom at USTU». For the first time it was held in the format of the Job Fair.

LLC Gazprom Transgaz Ukhta, LLC VNIIGAZ, LLC Gazprom processing, LLC Gazprom dobycha Krasnodar, LLC Gazprom Transgaz

Yugorsk, LLC Gazprom Transgaz Samara, JSC Gazprombank, PJSC VNIPIgazdobycha took part in the Job Fair to tell everyone about themselves and offer job vacancies to future specialists.

In total, about 200 vacancies have been presented at the Job Fair. In students' opinions, the event gave them a real chance to find their place in life after graduation.

In addition, within a framework of a joint program of improving the education quality and staff training of personnel management department of PJSC Gazprom with FSBEI HPE «Ukhta State Technical University» there are a number of events planned for 2014-2015:

- complex of activities on scientific, technical and geopolitical education for young people to turn them to engineering education and future work in the gas industry;
- new forms of career guidance in remote areas in order to attract students to the follow-up work in the gas industry;
- creation of specialized «Gazprom-classrooms» at USTU sponsored institutions;

- organization of excursions for students of subject oriented educational programs in the company subsidiaries;

- publishing projects aimed at promoting the image of the gas industry and PJSC Gazprom in Russia and abroad for students, graduate students and support universities and young professionals of company subsidiaries, etc.

The University regards systematization and expansion of activities of strategic cooperation with PJSC Gazprom not only as a condition for the development of its potential, but also as a contribution to development of the gas industry, the domestic system of vocational education, a sustainable development of the European North of Russia. This is an ambitious position, but it is how it should be in order to make every member of the university community aware of their role in nation building and their responsibility for the fortunes of a country. This position is justified if there is an effective support by a high powered partner and a reliable friend, which has always been and





will be the company Gazprom for Ukhta State Technical University.

Systematic, intensive and constructive of our cooperation led it to a new level: the University gained the status of the support university for the company Gazprom, and its subsidiaries formed a gas segment of an innovative territorial cluster «Oil and Gas Technologies» created on the university basis. We cherish a reasonable hope for that that soon the University together with the company will solve national problems which are also of global, geopolitical significance. And there is no doubt that the impressive history of our cooperation will be a prologue to a colossal future full of new modern achievements.



Treaties and agreements between USTU and PJSC Gazprom, as well as its subsidiaries:

- LLC Gazprom Transgaz Ukhta;
- LLC Gazprom Neft Shelf;
- LLC Gazprom dobycha shelf;
- JSC Giprogazsentr;
- LLC Scientific-Research Institute of Natural Gases and Gas Technologies - Gazprom VNIIGAZ;
- JSC Podzemburgaz;
- Branch «Gazprombank» (JSC) in the town of Ukhta;
- LLC Gazprom Mezhrefiongaz Ukhta;
- LLC Gazprom processing;
- LLC Gazprom dobycha Krasnodar.





LLC Gazprom Transgaz Ukhta

LLC Gazprom Transgaz Ukhta is 100 % subsidiary gas transportation company of PJSC Gazprom. The main aim of the company is gas transportation through the main gas pipeline system, uninterrupted gas supply to industrial and household consumers.

LLC Gazprom Transgaz Ukhta has a direct impact on the socio-economic development of the North-West region of Russia.

Gas transmission system used by LLC Gazprom Transgaz Ukhta passes through the territory of the North-West of the Russian Federation from the Bovanenkovo field on the Yamal Peninsula and the most northern in the world compressor station «Baidaratskaya» to the western borders of Russia.

A new gas transmission system created within the activity boundaries of the Company is becoming a key part of the Unified Gas Supply System of Russia. The length of the gas transmission system of LLC Gazprom Transgaz Ukhta in one line performance is more than 15,200 km.

The company consists of 24 branches, including 14 local gas transmission facilities, 44 compressor stations, 83 compressor working shops. All compressor shops are installed with 418 gas compressor units with a total capacity of 5 766.1 MW.

Gas is distributed to consumers through 173 gas distribution stations.

10 CNG filling stations are operated within the production activity boundaries of the company.

The company team has more than 13 thousand workers and professionals working in the center of «Gazprom Transgaz Ukhta» the town of Ukhta and in company branches and divisions all over the gas transportation system.



STRATEGIC PARTNERSHIP BETWEEN USTU AND PJSC GAZPROM





Classroom «Simulation of business processes in the gas industry» (203 «К»). Opened in 2010.



A part of the USTU training ground. Equipped by LLC Gazprom Transgaz Ukhta.

Participation of LLC Gazprom Transgaz Ukhta in a career guidance festival for schoolers at USTU. 2015.



«Computer simulation laboratory of technological processes of main gas transmission» (202 «К»). Opened in 2010.





Money certificate-giving ceremony of LLC Gazprom Transgaz Ukhta to the best USTU students, master's students and graduate students of the Institute of Geology, Oil and Gas Production and Pipeline Transportation

«United Bit» – the winner of the Grand Prix of PJSC «Gazprom «Fakel» festival



1st September 2015 – the grand opening of LLC Gazprom Transgaz Ukhta section on the USTU training ground

In October 2013 LLC Gazprom Transgaz Ukhta presented a bus to the University to celebrate the 55 year anniversary of USTU



In 2015 the first in the Komi Republic «Gazprom-classroom» based on municipal independent general education institution «Ukhta Technical Lyceum named after G. V. Rassokhin» was opened





ГАЗПРОМ ТРАНСГАЗ УХТА

ГАЗПРОМ
НАЦИОНАЛЬНОЕ ДОСТИЖЕНИЕ 20

ГАЗПРОМ ТРАНСГАЗ УХТА

ОБЛАСТЬ СОЦИАЛЬНОЙ ОТВЕТСТВЕННОСТИ



LLC Gazprom processing

LLC Gazprom processing is a 100 % subsidiary of PJSC Gazprom, performing transport and refining of hydrocarbons. It includes three processing plants and management of the transportation of liquid carbohydrate. Branches are located in the Khanty-Mansi Autonomous District - Yugra, Yamalo-Nenets Autonomous District and the Komi Republic.

Total annual designed capacity of processing assets is 3 billion cubic meters of natural gas, about 12 million tons of unstable gas condensate and 12 million tons of oil and gas condensate mixture.

The company produces more than 30 kinds of products. Their total share in the structure of the Group Gazprom is about 50%. The product range is represented by a broad line of liquefied petroleum gas, the company produces motor oil, stable gas condensate, wide fraction of light hydrocarbons, jet fuel, and carbon black.

The staff of the company has more than 5000 employees. The head office is in the city of Surgut. LLC «Gazprom processing» has a 99.9 % stock of shares in JSC Gazprom neftekhim Salavat and is the managing organization of the company.

On the territory of the Komi Republic there is the Sosnogorsk Gas Processing Plant (the town of Sosnogorsk), which is the only one Russia's producer of thermal carbon black from the gas feedstock for use as a filler in the rubber, coatings, printing inks, plastics and other composite materials.

Each year, the plant produces more than 155 thousand tons of liquefied gas, more than 165 thousand tons of stable gas condensate and about 20 thousand tons of furnace and 10 thousand tons of thermal carbon black. About 60% of all production is exported to more than 20 countries.





The personalized laboratory of LLC Gazprom processing (Mining & Oil College, classroom № 417). Opened in 2014.



The personalized laboratory of LLC Gazprom processing (401 «В»)

The laboratory of Chemistry (Mining & Oil College, classroom № 416). Opened in 2014.



Temporarily in charge of Head of the Komi Republic visited the Sosnogorsk Gas Processing Plant. Chief of the Sosnogorsk Gas Processing Plant Yu. L. Dyogtev met a special guest.



Annually the Sosnogorsk Gas Processing Plant staff takes part in town, republican and all-Russian volunteer clean-up days.



Subsidiaries representatives of the company LLC Gazprom georesurs at USTU



Educational and practical laboratory of geophysical research and work in wells (201«В»). Opened in 2013.



LLC Gazprom Georesurs

The history of the company dates back to October 1962, when four production geophysical parties were established as a part of the Moscow prospecting expedition trust «Soyuzburgaz» of Glavgaz USSR, the purpose of which was the doing geophysical research of wells in Shchelkovo, Kaluga and Pukhovichi areas.

In 2008, LLC Gazprom Georesurs was created on the basis of the property complex and formed over many years of labor collective of «Gazpromgeofizika». Currently, LLC Gazprom Georesurs consists of 16 production and research branches and 22 separate units that provide the whole range of services to the group of companies PJSC Gazprom on the entire territory of the Russian Federation: from Kamchatka to St. Petersburg and Moscow region, from Yamal to Astrakhan, in the near and far abroad countries.

The Company provides a full range of services for geophysical support the construction of oil and gas wells, vertical seismic profiling, seismic acquisition with complexation of subcontracting, gravimetric, electrometric and other works in the European part of Russia, Western and Eastern Siberia, as well as in the Near and Far abroad.

Ecological business strategy is aimed at minimizing the impact on the environment and natural resources.

Rational use of natural resources allows not only minimizing the impact on the environment, but also increasing the economic efficiency of the company activities.

The production branches of the Company hold a permanent work aimed at reducing pollutant emissions into the atmosphere.

LLC Gazprom UGSF

LLC Gazprom UGSF was founded on 19th March 2007 in the framework of improving corporate management structure of PJSC Gazprom to organize the injection, storage and sampling of natural gas.

LLC Gazprom UGSF is a 100 % subsidiary of PJSC Gazprom, united in its structure underground gas storage facilities located on the territory of the Russian Federation. At the moment LLC Gazprom UGSF operates 22 storage facilities built in 26 geological structures (17 - in depleted gas fields, 8 - in aquifers, 1 - in salt caverns). Operating wells of UGSF is 2 621. The Company includes 25 branches, which are located in the main areas of consumption: from the Kaliningrad region to the Khanty-Mansi Autonomous Okrug, from the Leningrad region to the Stavropol Territory. Among them there are 19 offices for underground gas storage, 4 offices for emergency response and restoration division and workovers, Engineering and Technology Center and the Office of logistics and equipment. The number of the company staff is more than 7 700 people.

The priority activities are activities of the highest in PJSC Gazprom UGSF Development Strategy up to 2030: maintaining the achieved level of UGSF capacities by upgrading and replacing obsolete and outdated facilities, accelerated buildup of UGSF daily production to 1 billion cubic meter due to the expansion of existing and construction of new underground gas storage facilities.

Ensuring production safety, reduction of anthropogenic impact on the environment is an integral component of the effective operation of the enterprise. LLC Gazprom UGSF is fully aware of its responsibility and assumes economically feasible and practicable obligations to ensure the safety of production processes and the environmental situation in the area of the production facilities.



JSC Podzemburgaz

JSC Podzemburgaz is one of the oldest enterprises of the gas industry. The date of its birth is 16th February 1946, when a decree of Council of People's Commissars № 2066-P «On creation of Federal geological and search bureau (FGSB) in the trust system of «Soyuzgaznefteerazvedka» was signed.

In the early years of the company activities its interests were focused on geological and search work. In the mid-50s the work on theoretical and practical issues of the underground gas storage was started in the Soviet Union.

Production drilling was carried out in different geographical regions of the USSR: in Stepnovskiy, Elshano-Kurdyumskiy, Peschano-Umetkiy - in the region of Saratov; Kanchurinskiy, Musinskiy, Sovkhozniy in Bashkiria and Orenburg; Bazayskiy - in Kazakhstan, Poltoratskiy - in Uzbekistan, Ugerskiy, Dashavskiy, Oparskiy, Chervono-Partizanskiy, Olishevskiy - in Ukraine; Osipovichskiy and Pribugskiy - in Belarus.

Since 1999 LLC Gazprom drilling is the majority shareholder of JSC Podzemburgaz.

For drilling, workovers, development and testing of wells JSC Podzemburgaz has 12 fixed drilling rigs with carrying capacity of 75 - 250 tons, as well as 3 mobile drilling complexes with carrying capacity of 140 - 160 tons. The drilling rigs are equipped with all necessary equipment, both of domestic and imported production, allowing to carry out the construction of wells in various fields and complexity. In addition, JSC Podzemburgaz has its own base of production service, which is capable of performing a full spectrum of maintenance and repair of drilling equipment.

45 year anniversary of LLC VNIIGAZ - Severnipigaz branch. Greetings from USTU. Dolgushin N. V. is chief of the branch, Tskhadaya N. D. is rector of USTU.



Ukhta, LLC VNIIGAZ - Severnipigaz branch, 2000. Ostrizhniy M. Yu., Gurlenov E. M., Ilatovskiy Yu. V., Ter-Sarkisov R. M., Gritsenko A. I., Petrov G. V., Nazarov A. V., Dolgushin N. V. (from left to right)



Scientific conference «Problems and prospects in the oil and gas industry in the North-Western Region of Russia» devoted to 45 year anniversary of LLC VNIIGAZ - Severnipigaz branch

LLC Gazprom VNIIGAZ

All-Union Scientific Research Institute of Natural Gases and Gas Technologies (VNIIGAZ) was created in 1948 to solve the problems of prospecting, exploration and development of gas fields, gas processing. In 1999 it was transformed into Limited Liability Company «Scientific-Research Institute of Natural Gases and Gas Technologies - VNIIGAZ» («Gazprom VNIIGAZ»). In 2003, due to the Resolution of the Board of PJSC Gazprom the Institute received the status of head scientific center of PJSC Gazprom in the technology field.

LLC «Gazprom VNIIGAZ» created and implemented the scientific and technological projects of development of major unique gas and gas condensate fields. Large processing gas-chemical complexes were built and based on VNIIGAZ projects: Astrakhan, Orenburg, Surgut, Mubarek.

Ukhta branch of LLC VNIIGAZ was founded in 1960 and currently it is the largest scientific and engineering center of the gas industry in the North-West of Russia.

To provide professional continuity and targeted training in the branch there are five basic departments at USTU: «Design and operation of main oil pipelines», «Oil and gas geology», «Geophysical methods, geographic information technologies and systems», «Development and exploitation of oil and gas exploration and underground hydromechanics «Management in the fuel and energy sector». Every year dozens of undergraduate and graduate students complete internships, have industrial practices in the branch, getting an opportunity to really explore intricacies of the oil and gas industry.

Particular attention is paid to the development of innovative activities. Since 1970 specialists have created more than 400 inventions and utility models, the usage of which optimized drilling processes, development and production of gas.



Doctorate thesis defense of N. V. Dolgushin at Ukhta State Technical University

Presentation of the book in the series «Stay with you» written by Ukhta writer Tamara Novikova – an artistic and documentary story about N. V. Dolgushin «Science and Life», 2015.



Seminar «Wave methods of stimulation and the bottom zone of gas condensate and oil wells» (Ukhta, convention hall of LLC Gazprom VNIIGAZ branch in Ukhta, 28th February – 3rd March, 2011).
From left to right: Yunusov R. Yu. – head of department of scientific and technical support of the integrated development of the Yamal Peninsula and the adjacent waters of LLC Gazprom VNIIGAZ, Dolgushin N. V., Guzhov N. A. – chief researcher of LLC Gazprom VNIIGAZ.

7th April 2010, the grand opening of personalized classroom of LLC Gazprom VNIIGAZ at the main university building.



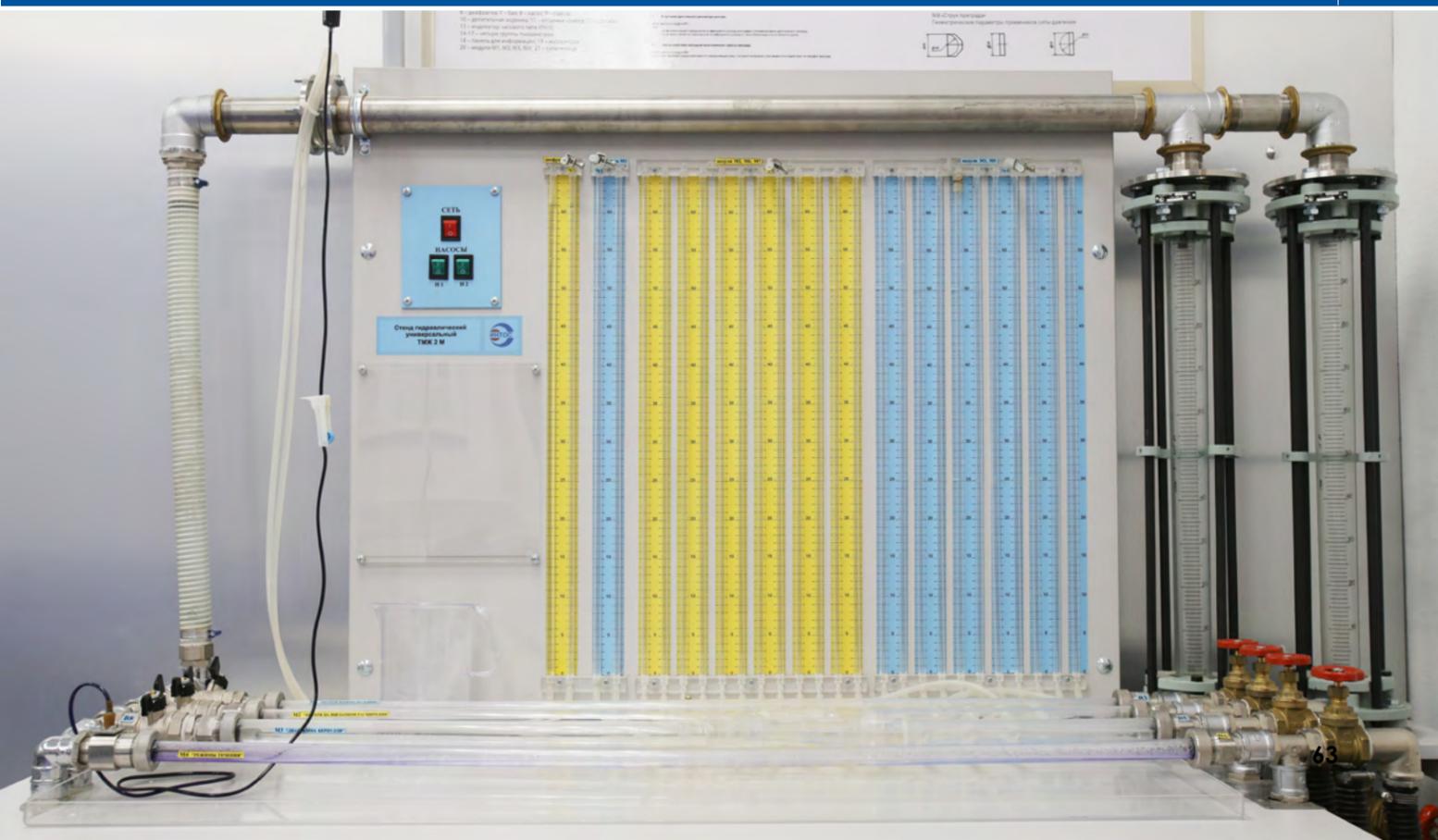


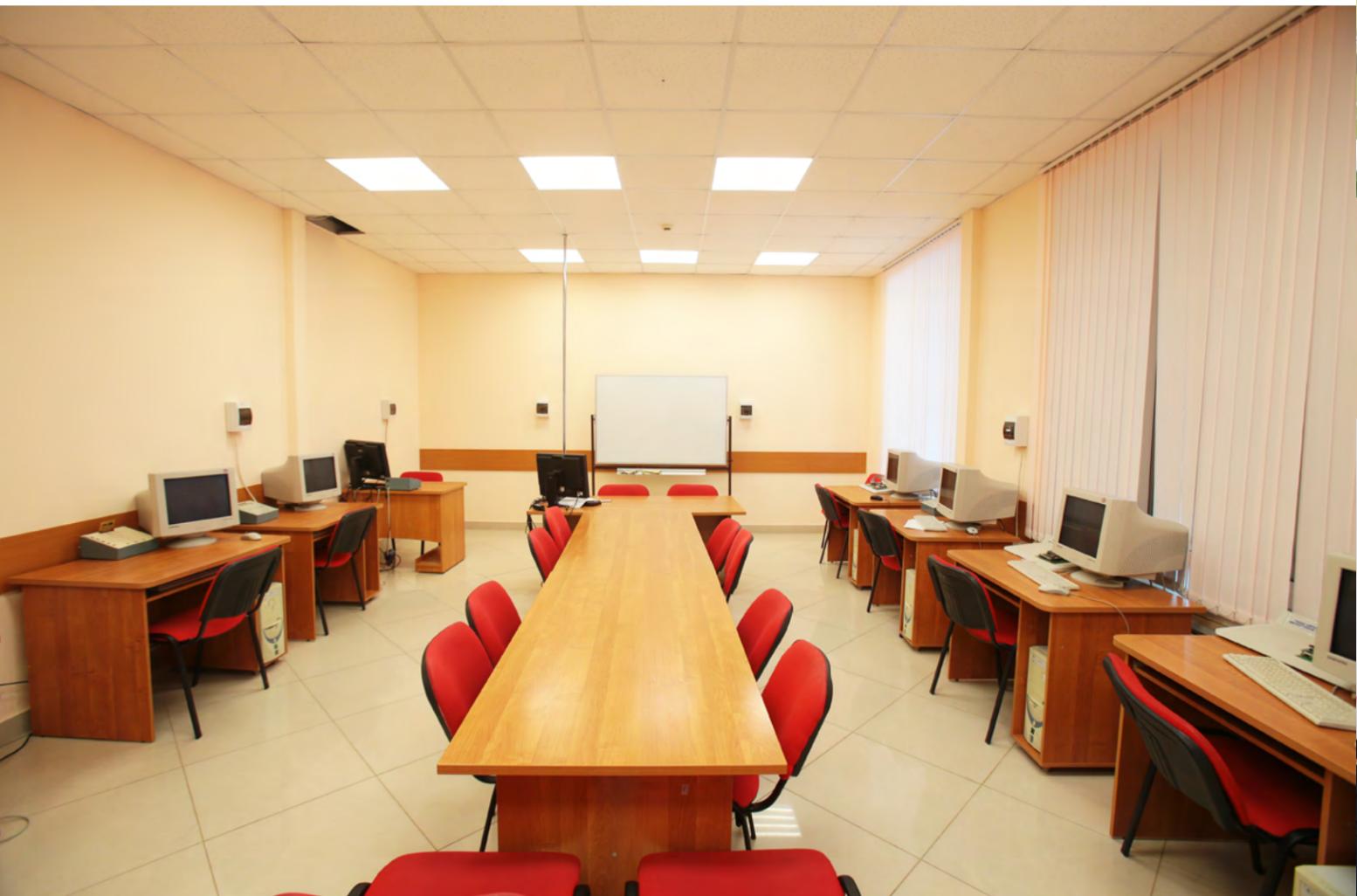
The personalized classroom
of LLC Gazprom VNIIGAZ (216 «A»);
Opened in 2010.



The laboratory bench «Hydrostatics HS» in the personalized
classroom of LLC Gazprom VNIIGAZ (216 «A»).

«Universal hydraulic test stand in the personalized classroom of
LLC Gazprom VNIIGAZ» (216 «A»).





The personalized classroom of JSC Giprogaztsentr (207 «А»). Opened in 2011. The classroom is equipped with computers for modeling of the compressor center at the compressor station.



The delegation of JSC Giprogaztsentr at Ukhta State Technical University. The First Deputy Director General Puzhailo A. F. and chief engineer Savchenkov S. V.



USTU session of board of regents

JSC Giprogaztsentr

JSC Giprogaztsentr performs the functions of the general designer. Coordination of subcontractors works is done by the office of chief project engineers. All documentation prepared by subcontractors is thoroughly checked in the project examination department.

JSC Giprogaztsentr is a member of non-profit organizations such as «Engineer -Proektirovshchik», «Engineer -Izyskatel», «Association of engineering researches in construction», «Association of designers from Nizhny Novgorod», « SRO Association of Builders in gas and oil complexes», «Council of energy auditing companies in the oil and gas industry».

JSC Giprogaztsentr activities in the field of design and engineering researches for building and structure construction are performed on the basis of competency certificates issued by these self-regulatory organizations.

License for technical protection of confidential information, the use of information constituting a state secret, for the examination of industrial safety activities in the field of ionizing radiation sources, activities in the field of hydrometeorology and related fields, the licenses for the design of tools and security systems and the right for activities in the field of industrial safety in the Republic of Belarus.

Testimonial of competence of nondestructive testing laboratory, accreditation certificate as an expert organization and accreditation certificate of test laboratory.

The system of the quality management of JSC Giprogaztsentr is certified against the requirements.



The book presentation
«War memories of a lifetime»



LLC Mezhrefiongaz

LLC Gazprom Mezhrefiongaz Ukhta supplies natural gas to consumers of the Komi Republic and the Arkhangelsk region.

Limited Liability Company «Gazprom Mezhrefiongaz Ukhta» was founded on 22nd November, 1999 on the basis of the branch «Mezhrefiongaz» in the Komi Republic with the location in the town of Ukhta.

In 2010 LLC Mezhrefiongaz was renamed into LLC Gazprom Mezhrefiongaz.

LLC Gazprom Mezhrefiongaz is a single-purpose 100 % subsidiary of PJSC Gazprom. The main activity is implementation of natural gas on the territory of the Russian Federation.

Today LLC Gazprom Mezhrefiongaz implements natural gas in 68 regions of the Russian Federation through 49 regional gas sales companies and their branches.

Regional companies provide customers with reliable gas supplies under contracts, help improving the structure and discipline of payments, creating civilized relations in the gas market.

In 2012 LLC Gazprom Mezhrefiongaz Ukhta supplied more than 4.5 billion cubic meters of natural gas to customers under contracts: in the Komi Republic – about 2.4 billion cubic meters, in the Arkhangelsk region – more than 2.1 billion cubic meters. Natural gas is sold at prices approved by the Federal Tariff Service of the Russian Federation.

LLC Gazprom Mezhrefiongaz Ukhta has offices in the cities of Syktyvkar (the Komi Republic) and Arkhangelsk (the Arkhangelsk region), areas for the sale of gas in the towns of Pechora (the Komi Republic) and Kotlas (the Arkhangelsk region).

There is a constant control over regimes of gas consumption, all payments received for gas, debtors in the regional companies. By providing a complete collection of cash payments for the supplied gas LLC Gazprom Mezhrefiongaz Ukhta meets its financial obligations in full: regularly remits tax to the budgets of all levels.

JSC Gazprombank

«Gazprombank» (Joint Stock Company) is one of the largest universal financial institutions in Russia, providing a wide range of banking, financial, investment products and services to corporate and private clients, financial institutions, institutional and private investors. The bank is among the three largest banks in Russia upon main indications, and takes the third in the list of banks in Central and Eastern Europe in terms of equity.

The bank serves key industries of the Russian economy - gas, oil, nuclear, chemical and petrochemical, ferrous and nonferrous metallurgy, electric power, engineering and metalworking, transport, construction, communications, agriculture, trade and other sectors.

Gazprombank has a strong position in the domestic and international financial markets, as one of Russian leaders in organizing and underwriting corporate bond issues, asset management in private banking, corporate finance and other areas of investment banking.

There are about 4 million private and around 45 thousand corporate customers among the clients of Gazprombank.

Currently Gazprombank owns seven subsidiaries and dependent banks in Russia, Belorussia, Armenia, Switzerland and Luxembourg, it has offices in Astana (Kazakhstan), Beijing (China), Ulan Bator (Mongolia) and New Delhi (India).

In Russia, the regional network of Gazprombank is represented by 32 branches located from Kaliningrad to Yuzhno-Sakhalinsk. The total number of offices providing high quality banking services exceeds 500.

Gazprombank is a member of the Russian National Committee of International Chamber of Commerce.

The branch «Gazprombank» (Open Joint Stock Company) in the town of Ukhta was created on 23rd September 1994.

In the region the branch began its activity with service of the gas industry, and it could get the name as the most reliable credit institutions quickly.

At the moment the branch of the bank, Gazprombank (JSC) in Ukhta, is a universal bank of international level that meets modern requirements and offers a full range of banking services to private and corporate customers.



In order to make all of the proposed banking products more accessible for the maximum number of clients, the branch is actively developing a network of sales offices. Now there are structural subdivisions of the branch in the towns of Ukhta, Vuktyl, Syktyvkar, Usinsk, Vorkuta, Pechora.





PROJECT «U-TIME»

«UTime News» is an international information project of industry media - cooperation of universities and companies in the fuel - energy and mineral complex, created in April 2011 upon an initiative of Ukhta State Technical University and non-profit organization «Alma Mater - USTU» within the National Consortium of universities of fuel & energy complex. The project brings together media resources of engineering, oil and gas, mineral, economic and research universities, companies and organizations of fuel & energy complex of Russia, CIS and other countries. Official web site of the project is www.utimenews.org.

«UTime News» is an international information project of industry media - cooperation of universities and companies in the fuel and energy and mineral complexes, created in April 2011.

As a result of participation in the St. Petersburg International Economic Forum in 2010, the rectors of the oil and gas universities decided to establish a National scientific-educational innovative-technological consortium of universities and companies of the fuel and energy and mineral complexes, which is headed by the National mineral resources University «Mining» and the Ukhta State Technical University oversees the information and analytical and organizational issues.

The Consortium pays particular attention to the development of the of educational and scientific projects, as well as the promotion of the international image of the oil and gas and mineral resource education and key projects of specialized companies in Russia and abroad, promotion of engineering and blue-collar occupations in the energy industry among young people.

In March 2011 USTU in cooperation with non-profit organization «Alma Mater - USTU» carries out an international information project of industry-based media cooperation

in the fuel and energy and mineral complexes «UTime News», combining the resources of specialized universities and companies in Russia in the framework of the Consortium of universities and companies. By agreement between the universities of the fuel and energy and mineral complexes Ukhta University was defined as a project coordinator. The project is included in the plan of activities aimed at promoting the blue-collar and engineering occupations (Russian Federation Government Decree №366-P dated March 5, 2015).

The main goals and objectives of the project are:

- Creation of a common information space of engineering, oil and gas, mineral, economic and research universities (hereinafter - Universities) of companies and organizations from Russia, CIS, Europe, the USA, Asia-Pacific Region and other countries;

- Promotion and involvement of young people into scientific and innovative activity around the world;

- Promoting the integration of universities into the world scientific and educational space, as well as information support of joint projects in education, research, innovation, sports, social and cultural opportunities among universities;

- Exchange of experience between universities, companies and the government on the organization of a educational and scientific process to create innovations and new developments;

- New technologies and projects in industry and other sectors, international cooperation and incentives for Global Development;

- Attracting new partners and resources for the development of universities - participants, cooperation with business and government;

- The development of mutual understanding and the establishment of international working and creative contacts in the interuniversity, professional and youth areas of different spheres, including business and government organizations.

Now project participants are more than 60 universities of mineral and fuel and energy complexes, as well as more than 90 companies in Russia, such as PJSC Gazprom, JSC non-profit organisation «Rosneft», JSC AK Transneft, PJSC LUKOIL, independent noncommercial organization «Bashneft», JSC

ALROSA, group of companies «Titan», LLC Stroygazkonsalting, JSC Severstal and other companies in Russia, CIS and the world.

Public Joint Stock Company «Gazprom» is a global energy company. «Gazprom» has the world's richest natural gas reserves, is the fifth largest oil producer in Russia. The main activities are exploration, production, transportation, storage, processing and sale of gas, gas condensate and oil and gas sales as a motor fuel as well as production and marketing of heat and electric power.

PJSC Gazprom is one of the leading partners, as well as an active participant of the project «UTime news» since the day it appeared. The participants also include many subsidiaries of PJSC Gazprom, such as JSC Gazprom Neft, LLC Gazprom processing, LLC Gazprom Transgaz Moscow, AG Shtokman Development, LLC Gazprom dobycha Urengoy and others.

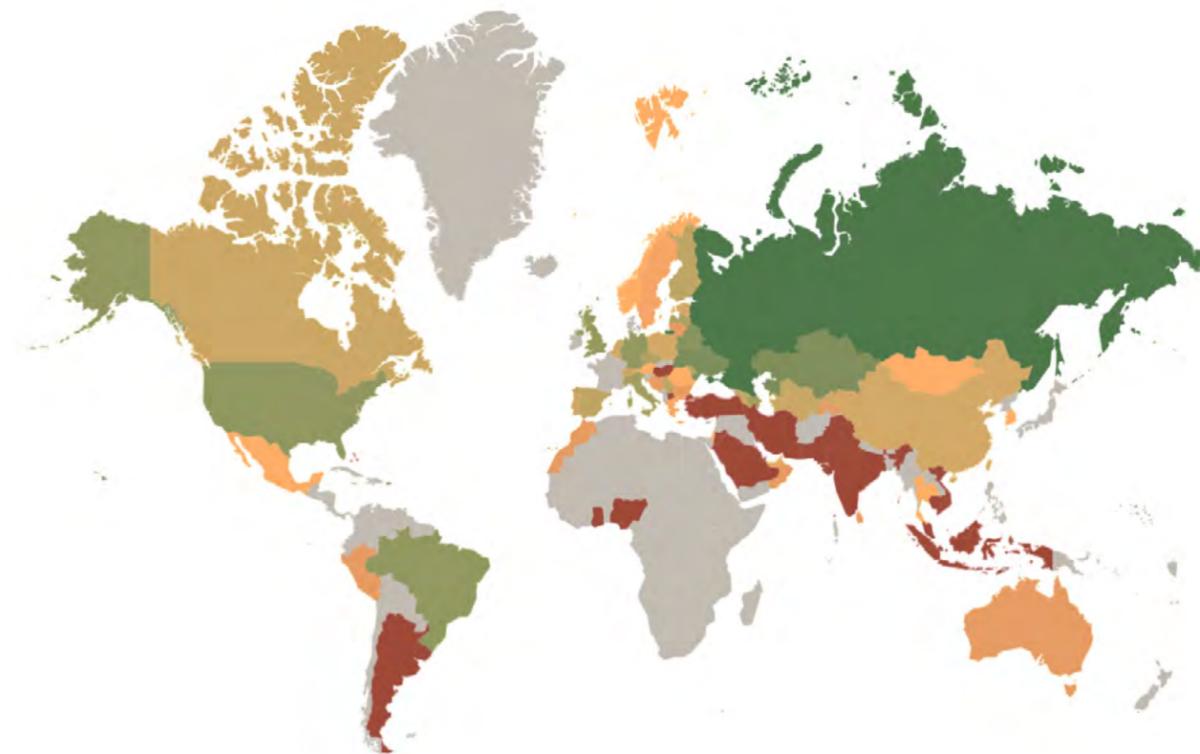
Currently on the website «UTime news» there are more than 4,000 news items about PJSC Gazprom and its subsidiaries, affecting different

areas of the company: cooperation, projects, research and innovation activities, social policy, production.

Such a number of information materials demonstrates that «Gazprom» is today one of the leading players in both the domestic and foreign markets, «gas giant» is a fast-growing company, which opens new horizons to prosperity of economic, social, educational, and political activity spheres of the country as a whole.

Cooperation with PJSC Gazprom in the framework of the project «UTime news» helps creating a single information field, filling it with relevant news materials that reflect the mission and strategy of the company and its significant contribution to the development of the state. In addition, the project «UTime news» comes to the international level, and this kind of information cooperation helps to promote a positive image of our country abroad, because PJSC Gazprom is a successful independent unit in the foreign market.

Geography of project audience





ПРАВИТЕЛЬСТВО РОССИЙСКОЙ ФЕДЕРАЦИИ

РАСПОРЯЖЕНИЕ

от 5 марта 2015 г. № 366-р

МОСКВА

1. Утвердить прилагаемый план мероприятий, направленных на популяризацию рабочих и инженерных профессий (далее - план).

2. Руководителям федеральных органов исполнительной власти, ответственным за реализацию плана, ежегодно, не позднее 15 ноября, представлять в Минтруд России информацию о ходе его выполнения.

3. Минтуду России:
осуществлять координацию и контроль за реализацией плана;
ежегодно, не позднее 1 декабря, представлять в Правительство Российской Федерации информацию о ходе реализации плана.

4. Установить, что финансовое обеспечение выполнения плана осуществляется заинтересованными федеральными органами исполнительной власти в пределах бюджетных ассигнований, предусмотренных им в федеральном бюджете.

Председатель Правительства
Российской Федерации

Д.Медведев

Содержание мероприятия	Срок исполнения	Исполнители
41. Разработка, реализация и обмен ознакомительными образовательными программами между общеобразовательными организациями - социальными партнерами в рамках профориентационного проекта "Инженерная школа"	ежегодно, начиная с 2015 года	открытое акционерное общество "Научно-производственная корпорация "Уралвагонзавод" имени Ф.Э.Дзержинского" и предприятия, входящие в его интегрированную структуру
42. Проведение Всероссийской научно-практической конференции "Профессиональное обучение рабочих"	ежегодно	открытое акционерное общество "Научно-производственная корпорация "Уралвагонзавод" имени Ф.Э.Дзержинского" и предприятия, входящие в его интегрированную структуру
43. Организация конкурса "Лучший наставник работающей молодежи" в рамках проведения слета наставников	ежегодно	открытое акционерное общество "Научно-производственная корпорация "Уралвагонзавод" имени Ф.Э.Дзержинского" и предприятия, входящие в его интегрированную структуру
44. Реализация модели отраслевого медиа-сотрудничества образовательных организаций высшего образования и компаний "UTime News" в целях популяризации рабочих и инженерных профессий среди молодежи на примере топливно-энергетического комплекса	ежегодно	федеральное государственное бюджетное образовательное учреждение высшего профессионального образования "Ухтинский государственный технический университет",

Board session of Consortium of universities of mineral, fuel & energy complexes



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