

## SPIGF 2025: innovations, partnerships and sustainable development of the gas sector

In 2025, St. Petersburg International Gas Forum, or SPIGF, has once again confirmed its status as one of the leading world's venues where fuel and energy specialists can have a dialogue. **35,800** participants from **52** countries came to take part in the Forum, and the convention program included **123** events covering **21** topics from gas prospection, mining and transportation, gas distribution and gas consumption, underground storage to international collaboration, sustainable development, technological independence, as well as new tools for digital transformation and automation of the sector. Topical sessions and round table discussions included more than **900** reports made by professionals working in the industry. The speakers represented federal and regional authorities, dedicated associations and unions, but there also were executives, senior and technological engineers from different companies, leading experts, analysts, scientists, emerging specialists, along with students from industry-specific universities. Exhibitions arranged during SPIGF took all the pavilions and outdoor premises available in Expoforum. At the area of **51,000** sq. m, **620** companies showcased their research and technology projects along with innovative solutions designed for the gas sector. The events taking place during the Forum were covered by **568** journalists from Russian and foreign media.

This year, the Forum went beyond its usual format. Some of the events were arranged in Gazprom's headquarters, Lakhta Centre, which is the avatar of innovation and progress. The Strategic Priorities of Russia in the Arctic, RAO/CIS Offshore 2025 plenary session, took place in the Mariinsky Palace, whereas the traditional gala dinner dedicated to SPIGF was held in Gazprom Arena.

The key event of the Forum was the Natural Gas Market in 2025–2035: New Contours in a Fast-Moving Environment plenary session. The session was participated by Alexey Miller, Chairman of the Gazprom Management Committee, Sergey Tsiviley, Minister of Energy of the Russian Federation, Roman Sklyar, First Deputy Prime Minister of the Republic of Kazakhstan, Viktor Karankevich, Deputy Prime Minister of the Republic of Belarus, Ali Pervaiz Malik, Federal Minister for Energy and Petroleum Division of the Islamic Republic of Pakistan, Alparslan Bayraktar, Minister of Energy and Natural Resources of the Republic of Turkey, and Maria Zakharova, Director of the Information and Press Department of the Affairs. Russian Ministry of Foreign Alexandra Suvorova, Deputy Editor-in-Chief and TV host at Russia 24 TV Channel, moderated the plenary session.

"St. Petersburg International Gas Forum is one of the world's leading specialised venues. This is where new trends are discussed completed with the new architecture of the gas market. The best samples of local products are presented, the ones that ensure advanced development of the Russian gas sector and provide an essential input into its technological independence. The interest in the Forum is really great. Once again, delegates from more than 50 countries from all over the world came to take part in it. I should also mention that main new centres of economic growth and energy consumption were extensively represented, too. Together, we are creating the future of the global energy," explained Alexey Miller, Chairman of the Gazprom Management Committee.

There have been lots of remarkable events that the Forum will be remembered for. As part of SPIGF 2025, at Gas for Russia stand new gasification and further gasification facilities were formally brought on stream in 25 constituent unites within the Russian Federation.

The Forum became the place for **Gazprom to commission into operation the most state-of-the-art and the biggest Russian turbine blades production plant** (located in the Tula Region).

During SPIGF 2025, new capacities were brought into operation in the live linkup mode. It happened in 7 regions of Russia, they are going to manufacture equipment for the gas sector.

Another essential part of the Forum agenda was the **Session on the technological development of Gazprom** chaired by Vitaly Markelov, Deputy Chairman of the Gazprom Management Committee. Annually, the strategic venue where vectors for further innovative development of the sector are determined brings together leaders of the gas sector, representatives of state authorities, executives of top academic and machine-building enterprises, as well as the largest energy companies. In the open dialogue atmosphere, the participants showcase their advanced technologies and implemented projects, shape engineering priorities and set tasks for the future, but also share experience at the inter-industry level.



For the first time ever, SPIGF agenda included the **Strategic session on continental shelf development.** The session was participated by top experts of the oil and gas sector, executives of key companies working in the industry and representatives of state authorities. The participants had an open dialogue to discuss certain hot matters, including implementation of the shelf-based projects and fundamental challenges that companies face during infrastructural development and exploitation in offshore fields.

Another event arranged during SPIGF was its traditional **Youth Day**. This year, the project entered a new stage of development and transformed into the Natural Gas & Accelerator (NG&Accelerator) International Acceleration Program which was focused on innovative insights and technological solutions. **200** people from **29** countries took part in the program, whereas **39** finalists from **12** states presented **12** projects aimed at sustainable development, digitalisation and efficiency enhancement in the gas sector. This event was organised by Gazprom, St. Petersburg State University of Economics and ExpoForum International, and powered by the top energy companies and universities, which included Comita, Gazprom Neft, Rosatom State Corporation, Gubkin Russian State University of Oil and Gas, Tomsk Polytechnic University. The best initiatives were thoroughly assessed to turn from insights to startups and research projects with further support. This will promote growth of promising areas in the energy sector.

The convention program of the Forum included a set of events that covered the key aspects of the gas sector development, which included technological independence, staff training, safety and international collaboration.

Participants of the 2<sup>nd</sup> Prospects of Gas Separation Technologies using Russian-Made Membranes Scientific-Practical Conference discussed the strategic importance of Russian-made membrane technologies design and introduction. They also touched on extraction of valuable components from natural gas, production of membranes and membrane modules, as well as membrane separation of fluid media. The Conference became a place for scientists and industrialists to talk to each other, and the participants managed to chalk out certain paths to implement research projects in production.

Another landmark occasion was **the Special session on developing industrial safety culture at Gazprom.** Over 60 executives of the company's subsidiaries took part in it. During the session, the results of independent audit inspection in regard of industrial safety culture were presented along with main vectors for its development. The participants talked about the key tools used to shape the safety culture, specially focusing on coaching, acclimation for emerging specialists and use of digital platforms for training.

As part of the **Safe and Sustainable IT Infrastructure in the Oil and Gas Sector panel discussion,** the experts considered the use of Russian software. The participants delivered successful introduction cases and innovative projects like RED ADM and Aladdin Enterprise CA, which guarantee sustainability and security of IT systems.

**During the BRICS countries discussion, international collaboration** was brought into the spotlights. The alliance members took counsel in regard of prospects implied in the joint projects undertaken in the gas sector, including the use of Russian technologies in Thailand and Africa. Moreover, the event included talking on legal regulations and investment protection matters, as well as possibilities for extending collaboration between the countries.

At the **Gen Alpha: Securing Staff Independence in the Russian Industry strategic session** the experts discussed training of future specialists while they are still children, using all kinds of digital products, science parks and career guidance applications. **Up2U Profi** mobile app called to heighten the youth's interest to today's engineering professions and the industry itself was presented.

As part of **Gas Engine Efficiency of Cargo Transportation Conference**, the participants considered advantages of switching to gas engine fuel and remotorisation of vehicles. There, positive cases of vehicle refitment were demonstrated that ensured a tangible reduction of fuel expenses. Likewise, the experts registered that remotorisation is dynamically supported by the Russian government. In particular, they have subsidies for small and medium businesses in place.

A high profile event, International Gas Markets: Tasks Associated with Legal Provisions and Staff Training International Scientific-Practical Conference, confined to the 5<sup>th</sup> Anniversary of the Musin Research Centre, took place during SPIGF, too. The participants agreed that it is important to have highly qualified staff trained and gas initiatives legally supported. Postgraduate students and graduates of the Centre made their reports to highlight legal aspects of the energy sector, transformation of the corporate management system and international legal provisions for the gas projects.

This year, the Forum convention agenda included a brand new area of focus, namely **legal regulations in the gas industry.** The arrangements were undertaken by the International Association of Lawyers and Consultants in collaboration with ExpoForum International. The experts specified that legal support had been becoming an integral part of the infrastructure behind the oil and gas products. Besides, it was what sustainability of investment models depended on, and what ensured mitigation of both technological and sanction-related risks.

Yet another big event was the **Hydrogen Energy**. **Reboot and New Technological Solutions panel session**, where the experts contemplated the development prospects with the Russia's hydrogen sector from establishing the infrastructure to scaling up the pilot projects.

During the 12<sup>th</sup> History Seminar commemorating the 80<sup>th</sup> Anniversary of Victory in the Great Patriotic War, dedicated to the input the oil and gas sector had contributed into the Victory, the participants discussed building of pipelines, delivering fuel to the armed forces and feats undertaken by the workers, all of those providing the cornerstone of the Soviet petroleum industry. Moreover, they presented certain historic research cases, biographies of the industry's heroes and samples of advanced solutions that made sure people in the frontline and Leningrad under the Siege had received the necessary aid.

Winners of Season 3 of the Track of the Year national initiative got their prizes during the awarding ceremony that took place in the course of SPIGF. This year, the initiative once again demonstrated that ecology and sports have no limits: it was supported by more than 70 cities and 10 countries. In 116 days, the participants recorded over 8,400 tracks for the project, traveled almost 120,000 km in methane vehicles, bikes and running on feet, which equals to three around-the-world journeys.

The large scale exposition arranged during SPIGF 2025 offered the visitors insights into the most advanced achievements made by the local industry and science. The Forum hosted InGAS Stream 2025 – Innovations in the Gas Industry International Specialised Exhibition, Ros-Gas-Expo International Specialised Exhibition of Natural Gas Industry and Technology for Gas Facility, RAO/CIS Offshore 2025 International Exhibition and Conference for Oil & Gas Resources Development of the Russian Arctic and Continental Shelf. For the first time ever, the Safety of Facilities in the Oil and Gas Industry Collective Exhibition was arranged.

The central element of the Forum exhibition program was the Corporate Exposition by Gazprom. This year it got a new name: **Gazprom – Territory of Technological Leadership.** It brought together top manufacturers who produce hi-tech products and make innovative designs for the oil and gas sector.

Throughout **10** years, this venue has been used to exhibit about **1,650** pieces of equipment and machinery. For instance, there was the first Russian hydrofraction fleet, components of the underwater mining system, the first Russian helicopter that can be used to work in the continental shelf and other instruments required by the petroleum industry and other sectors. **Some of the Russian regions joint their forces to present their collective stands** at SPIGF 2025. **The Republic of Tatarstan** became the region partner of the Forum: at their collective stand, they showcased **17** companies that make projects on gasification, energy saving and field development. On top of that, there was the national stand where the visitors learned about specifics of the region.

The Volgograd, Astrakhan, Chelyabinsk and Kirov Regions along with the Perm Territory were also represented as part of the collective regional stands.

The Volgograd Region showcased the potential held by its enterprises engaged into production of equipment and technologies. The Astrakhan Region put into the spotlight its industrial and innovative development, in particular, on the solutions related to import substitution and mining efficiency enhancement. The Chelyabinsk Region presented a wide range of their products to demonstrate their industrial potential, first of all, in the oil and gas mechanical engineering sphere. The Perm Territory brought their projects for the fuel and energy industry. These included cutting-edge technologies and equipment pieces: scanners, inspection tools, electric pumps and monitoring systems. And for the first time ever, the Forum has been participated by the Kirov Region. They displayed their innovative solutions based on compressor, cable and fire-fighting equipment, but also the latest machinery to be operated in severe climates. All the regions demonstrated high levels of technological development and readiness to solve today's industrial tasks.

**The outdoor exposition of SPIGF 2025** showcased Russian forward-minded machinery projects, including three unique prototype pieces by AMT. These were 4x2 gas garbage truck, 10x10 universal high-

sided truck suitable for all terrains thanks to its articulated frame and 6x4 electrically driven hydrogen highway tractor. Sespel Cheboksary Enterprise presented their magnetic levitation (maglev) freight train capable of transporting up to 1 bln tons of cargo a year, along with their innovative technologies of friction welding that are used to make sophisticated structures, including the ones for Roscosmos. These projects are all about the Russian companies' aiming to ensure the complete technological cycle from new materials to transport systems of the future. **The Republic of Belarus** showcased their 130-tons BELAZ gas diesel guarry truck and a range of gas engine machines.

The traditional **Business Matchmaking Centre**, **or BMC**, was operated during the Forum. This is a specialised platform where customers and suppliers can meet each other face to face and build new relations. In 2025, over **1,800** meetings took place in BMC.

The participants of SPIGF 2025 had a chance to join a **technical tour to the Vsevolozhsk Gas Turbine Power Plant.** There the specialists were demonstrated gas turbine units in operation and learned about new heat and electricity generation technologies. Besides, they were told about the main stages of the electricity production cycle.

New formats got special attention during the Forum. For the first time in its history, the program of SPIGF included **#PROsvet Lectorium**: a cycle of educational events that covered art, engineering, energy and management, all at once. Besides the lectures, this event included film shows and practical sessions aimed at development of professional and personal skills. The participants learned about the impact that the gas sector provided on the global art, were introduced to the heritage left by engineer Vladimir Shukhov, discussed the part of natural gas in the digital economy and Al progression, and also took classes to master team management and manage personal efficiency. Thanks to this program, knowledge from different spheres of interest was merged to demonstrate new approaches to professional development and personal growth.

SPIGF 2025 became a place to host **Oil and Gas 5.0 competition**, aimed at finding and promoting effective digital projects made in the oil and gas sector. The competition was participated by managing, engineering and IT teams that implement the projects aimed at enhancement of efficiency, safety and sustainability in regard of production procedures. Over **40** projects made it to the final. Most of the entries were made under the Effective Import Substitution category. The list of awardees included Gazprom, SIBUR, Nauka, PhosAgro and other companies. The competition verified that digitalisation is getting the key factor of technological development and competitive performance of the sector.

In 2025, participants and guests of SPIGF were demonstrated the patriotic series by **the Imperial Porcelain Manufactory.** Porcelain sculptures of Russian commanders, soldiers and marshals were installed in the SPIGF lounge zone and became a vivid symbol of historic traditions and national pride continuity. The exposition included pieces from 3 collections, namely Chieftains of Great Victories, Soviet Series and Soldiers.

To commemorate the 80<sup>th</sup> Anniversary of Victory in the Great Patriotic War, the visitors were also presented the **Gasification of Leningrad**: a **Battle Taken after the War** exhibition. It told the story of restoring Leningrad's energy infrastructure after the war. The exposition included some unique archive materials: documents and photos narrating about the work undertaken by executives of the Leningrad Municipal Executive Committee, operation of the gas factory and building trusts, as well as reports on construction of substations, main lines and gas equipment. The visitors were introduced to mining and gas transportation technologies, and had a chance to see how they improved living standards for the citizens. The exhibition emphasised significance of gasification for social revival of Leningrad and helped preserve the memories of the heroic work undertaken by its citizens.

By the way, SPIGF 2025 program included not only business meetings and meaningful discussions, but sportive events, too. One of the moments to remember was the **Cup of the President of the Russian Gas Society Billiards Tournament.** Besides, trophies won by **Zenit** Football Club were displayed at their stand, and **Nino** from the club gave autographs to the fans.

**Russia – Co-occurrence of Good News** online studio established by Peterburgsky Dnevnik (St. Petersburg Diary) in collaboration with ExpoForum International was operated at the venue. During the live streams, the hosts and journalists interviewed key participants and media VIPs of the Forum.

To make attendance of St. Petersburg International Gas Forum even more comfortable for the participants, **the mobile app** was designed. It covered every need possible from making a personal schedule and list of meetings to restaurant booking. SPIGF mobile app was designed

by ExpoForum International and Gazprom ID Operator. The companies have also taken a step forward and signed a collaboration agreement aimed at digitalisation of products and business procedures intended for the convention and exhibition industry. This partnership includes introduction of the solutions by Gazprom ID Operator designed to enhance data-using procedures, use of AI-powered technologies, promotion of professional communities and CX management via Eventum platform.

**SPIGF 2025 was powered by** the Ministry of Industry and Trade of the Russian Federation, the Ministry of Energy of the Russian Federation and the Government of St. Petersburg. Delegations from **35** regions of Russia came to take part in the Forum, which definitely points out how significant the event is for the entire country.

The following companies contributed into the convention program as **co-organisers:** Gazprom, Gazprom Mezhregiongaz, Gazprom Shelfproject, Gazprom UGS, Znanie Russia, Gazprom CPS, Gazprom Pererabotka, Institute of Oil and Gas Technology Initiatives, International Alliance for Strategic Projects BRICS, SIBUR, Russian Gas Society, Association of Geologists, Geophysicists and Engineers, Russian Software Association of Russian Software Producers, Hydrogen Energy Committee of the CIS Business Center, Zyfra Group, etc.

SPIGF 2025 general partner: Gazprom.

General sponsor: TMK.

**Industrial partner:** Almaz – Antey Air and Space Defence Corporation.

Region partner: the Republic of Tatarstan.

SPIGF 2025 partners: Gazprombank (Joint Stock Company), COMITA, Gazprom Neft, Rosatom State Atomic Energy Corporation, HMS Group, United Metallurgical Company (OMK), Salavat Catalyst Plant, Gazprom GNP Holding, United Engine Corporation, Gazprom Invest, FracJet-Volga, Norrexim RUS, Gazprom Avtomatizatsiya, United Shipbuilding Corporation, MOSGAZ, Gazstroyprom, RUMO, T1 IT Holding, Gazprom ID Operator, Shelf Company, GT Energo, ROG-Engineering, Polycell, Metran Group, ABS ZEiM Automation, System-Service, RegLab, Vympel, Armalit, Izmeron Factory, Micran, Zenit Football Club, National Oil and Gas Forum.

Partners of Gazprom – Territory of Technological Leadership Corporate Exposition: RGK Group, Peterpipe.

Partners of Youth Day: COMITA, Gazprom ID Operator.

Risk management partner: SOGAZ.

Style partner: Indever menswear studio.

Cultural program partner: Imperial Porcelain Manufactory.

Organisation partner: Karelian Mineral Water Plant.

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General media partners: Oil & Gas Territory Magazine and Gas Industry Magazine.

General industry information partner: Neftegaz.ru.

General industry media partner: Sphere. Oil & Gas Magazine.

Strategic media partner: Exposition Oil Gas Magazine.

Official industry information partner: Power and Industry of Russia Newspaper.

Official industry media partner: Oil and Gas Industry Magazine.

Publisher of SPIGF official newspaper: United Industrial Edition.

SPIGF 2025 official restaurants: Stroganoff Steak House, LAMB, Palkin, Cristal, Yug 22, Peremena.

**SPIGF organiser:** ExpoForum International.

Co-organisers of SPIGF 2025 exhibition program: FAREXPO, RESTEC Exhibition Company.