

# ENVIRONMENTAL REPORT



"SURGUTNEFTEGAS" PJSC



2019

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MESSAGE FROM ANATOLY S. NURYAEV,  
FIRST DEPUTY DIRECTOR GENERAL  
OF "SURGUTNEFTGAS" PJSC

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**ANATOLY S. NURYAEV,**  
First Deputy Director General  
"Surgutneftegas" PJSC



“Surgutneftegas” PJSC is one of the largest vertically integrated oil companies of our country. The Company ensures its sustainable development, closely follows environmental legislation, takes into account principles of international conventions and treaties. Investments in environmental protection programs have been at a stable high level throughout decades.

“Surgutneftegas” PJSC, being proactive and calculating environmental risks, carries out all the necessary actions to prevent any incidents. We ensure reliability of production processes, facilities integrity, safe and accident-free operation of the process equipment. The Company uses the best available technologies, introduces innovations and new scientific achievements.

In 2019, the Company invested more than RUB 29 billion in implementation of environmental protection measures. Increased financing within the Ecology corporate program is caused by the growth of current operational costs of the vast environmental infrastructure created at the fields of the Company.

“Surgutneftegas” PJSC seeks to minimize the environmental impact, including for the purposes of prevention of climate change and preservation of the

natural state of ecosystems in the areas of its operations. The Company takes compensatory measures and contributes to restoration of natural resources of Russia in accordance with the biodiversity conservation corporate program.

We develop an effective collaboration with public and governmental authorities, contribute to the increase in the quality of life in the regions of our presence. When carrying out activities in the territories of the traditional nature management, we actively cooperate with the small-numbered indigenous peoples of the North, openly discuss everyday matters and always come to a compromise which is absolutely comfortable and favorable for all people.

A responsible attitude of each employee to the environment is a must in “Surgutneftegas” PJSC. Employees of our Company realize that the business priorities at the moment are compliance with the environmental regulations, careful nature management, implementation of resource saving technologies. We do not sacrifice future for a here-and-now benefit, we see a long-term prospective and act for the sake of our country, for the interests of not only contemporaries but the future Russian generations.



# KEY AREAS OF THE COMPANY'S ENVIRONMENTAL ACTIVITY

## 01

-  Key areas of the Ecology program
-  Key aspects of the Company's environmental activity







# Key areas of the Ecology program

In 2019, Russia started a large-scale implementation of the Ecology national project with a view to ensure an efficient management of production and consumption wastes, decrease in the pollution level of ambient air in large industrial centers, increase of the quality of drinking water for the population and environmental improvement of water bodies, biodiversity conservation and restoration of forests, introduction of the best available technologies. "Surgutneftegas" PJSC, being an example of a socially responsible company, throughout almost three decades have been carrying out a comprehensive work aimed at a consistent decrease in the negative impact of production, rational use of natural resources and preservation of the favorable environment.

The Ecology program was created in order to mitigate the impact of production of "Surgutneftegas" PJSC on the environment. Its key areas are:

- 🕒 construction of environmental facilities, including air protection facilities, waste decontamination and utilization facilities;
- 🕒 air protection and climate change prevention;
- 🕒 protection and rational use of water resources;
- 🕒 industrial waste decontamination and utilization;
- 🕒 protection and rational use of land;
- 🕒 monitoring of environmental components and control of production facilities operation;
- 🕒 ensuring environmental safety of oil production facilities, including pipelines;
- 🕒 environmental education and professional training of employees;

- 🕒 application of the "green office" principles in each administrative building of "Surgutneftegas" PJSC;
- 🕒 biodiversity conservation in the areas of the Company's operations;
- 🕒 R&D activities in the field of environmental protection.

All facilities of "Surgutneftegas" PJSC, that have a negative environmental impact, are registered. The Company operates 91 oil production facilities, 1 oil refining facility and 20 waste management facilities. These facilities are classified as I category facilities, that have a negative environmental impact. In accordance with the current environmental reform in Russia, the technologies and equipment used at such facilities of the Company are in compliance with the best available technologies (BAT) included in the information and technical reference books.

Year after year, "Surgutneftegas" PJSC consolidates intellectual and technological capabilities, constructs and operates environmental facilities, owns a vast fleet of machinery and equipment used for the purposes of environmental protection. These assets include:

- 🕒 a gas processing plant;
- 🕒 23 gas turbine power plants and 7 gas reciprocating engine power plants (GTPP, GREPP);
- 🕒 32 compressor stations;
- 🕒 3 associated petroleum gas (APG) processing units;
- 🕒 112 initial water separation units (IWSUs);
- 🕒 6 centers for oily soil decontamination;



- 3 centers for sludge decontamination with sludge storage ponds, units for oily fluid recovery and Heater-Treater three-phase separators;
- 5 mobile units for tank cleaning and initial oil sludge treatment, including three-phase centrifuges;
- 33 single- and multiple- cell sludge storage ponds with a total capacity of 81 thousand cubic meters;
- 10 units for thermal oil sludge decontamination with a total capacity of 70 thousand cubic meters per year;
- 5 landfills for disposal of solid household and industrial wastes designed to dispose of production and consumption waste with a total capacity of 1,671 thousand cubic meters;
- 21 Forsazh mobile units for thermal decontamination of solid oily waste with a total capacity of 15.75 thousand tonnes per year;
- units for shredding waste paper and non-returnable plastic containers with a capacity of 1,150 kilograms per hour and 50 kilograms per hour respectively;
- a tire recycling plant for recycling worn-out tires and inner tubes with a capacity of 5 thousand tonnes per year;
- a workshop for application of an anti-corrosion coating on pipes and pipeline fittings with a capacity of 720 kilometers of pipes and 15 thousand fittings per year.

In the reporting year, “Surgutneftegas” PJSC financing of implementation of environmental protection measures and investments in construction of environmental facilities amounted to RUB 29.5 billion, plan for 2020 is RUB 27.2 billion.



# Key aspects of the Company's environmental activity

The stable high level of investments in environmental protection measures promotes the Company's sustainable development, ensures effective environmental risks management, environmental safety of the production of "Surgutneftegas" PJSC, consistent minimization of the man-made impact and risks of incidents and accidents in all areas of the Company's operations.

The key aspects of the environmental activity of "Surgutneftegas" PJSC include measures related to repair and replacement of pipelines, protection of oilfield equipment and facilities from corrosion, prevention of equipment failures and oil contamination, and elimination of their consequences, air protection, industrial wastewater utilization, safe waste management, land reclamation, environmental monitoring and R&D activities.

The effectiveness of the Company's environmental efforts is rated highly by

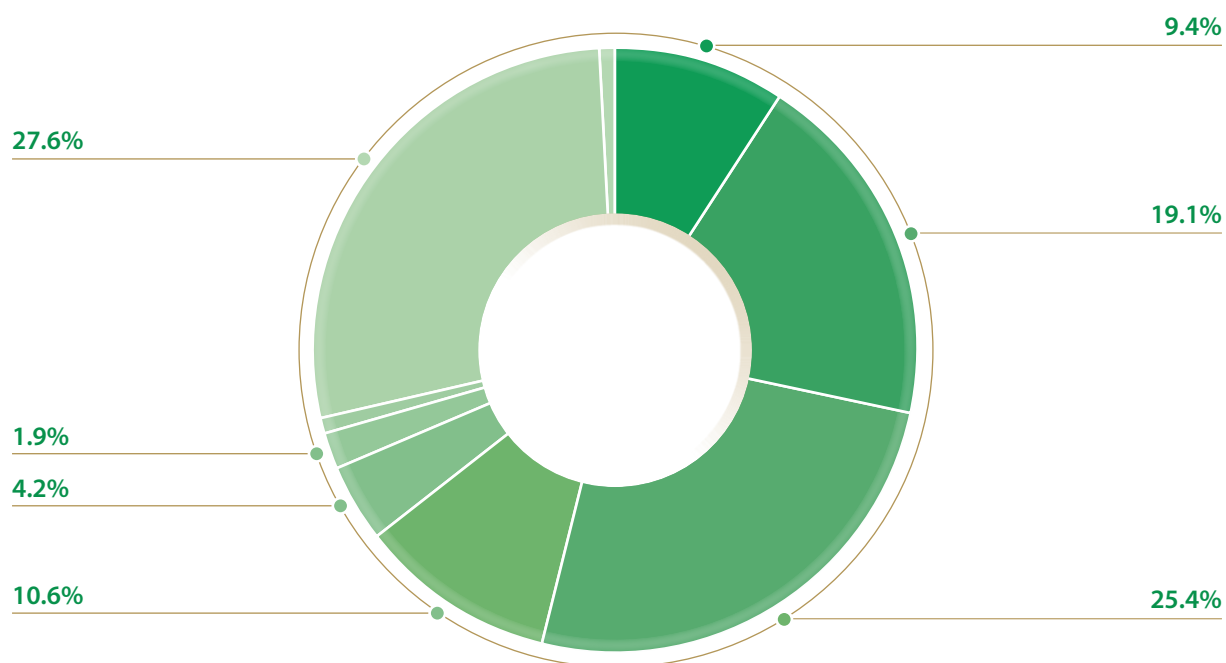
the federal and regional authorities, and by independent organizations. According to the results of 2019, "Surgutneftegas" PJSC won the XV All-Russia contest "Leader of environmental protection in Russia" in the category "Environmental management and waste handling in the industry".

According to the Environmental Transparency Rating of Oil and Gas Companies operating in Russia – 2019, held by the World Wildlife Fund (WWF) and CREON Group together with the National Rating Agency, "Surgutneftegas" PJSC took leadership in environmental impact mitigation.

In the reporting year, in Khanty-Mansiysky Autonomous Okrug – Yugra "Surgutneftegas" PJSC was recognized as a winner in the contest "Best Oil and Gas Producing Enterprise of Yugra in terms of environment protection" in the category "Enterprises producing over 5 million tonnes of oil annually".



## Investments in environmental protection measures in 2019



- **9.4%** Construction of environmental facilities
- **19.1%** Environmental safety of oilfield facilities and equipment
- **25.4%** Collection, treatment and utilization of wastewater
- **10.6%** Safe waste management
- **4.2%** Prevention and elimination of oil contamination consequences, reconstruction of production facilities
- **1.9%** Sludge pits reclamation
- **0.9%** Environmental monitoring
- **27.6%** Air protection and climate change prevention
- **0.7%** R&D activities, environmental protection services, environmental education, specialist training and certification



# BASIC STRATEGIC DOCUMENTS IN THE FIELD OF ENVIRONMENTAL MANAGEMENT

## 02

- Environmental policy
- The Company's responsibilities
- Basic principles of the policy on interaction with the small-numbered indigenous peoples of the North







# Environmental policy

**Basic strategic documents of the Company in the field of environmental management are the Environmental policy and Policy on interaction with the small-numbered indigenous peoples of the North.**

The Company adheres to the principles of sustainable development, takes into account interests of all parties, including the people in the territory where the Company operates, provides maximum effectiveness of all business processes and, at the same time, pays close attention to the development of the social sphere, preservation of the environment and resource saving. The priority of the Company throughout its business history has always been a respectful attitude to each employee, adherence to the human rights.

“Surgutneftegas” PJSC in a mandatory manner brings the provisions and principles of the Environmental policy to the attention of each employee, that also cover contractors and subcontractors which perform works for the Company. The Environmental policy is subject to revision, adjustment and improvement in case “Surgutneftegas” PJSC changes its development priorities and operational conditions.





### Basic principles of the Environmental policy of "Surgutneftegas" PJSC

- Systematic minimization of the negative environmental impact of technological processes and mitigation of the environmental risks through implementation of the best available technologies as well as scientific and technical achievements.
- Giving priority to prevention of the negative environmental impact as compared to mitigation of consequences of such an impact.
- Maintaining industrial and environmental safety in line with up-to-date international standards and requirements.
- Rational use of natural resources based on implementation of innovative environmentally friendly and resource saving technologies.
- Systematic control over compliance with industrial and environmental safety requirements.
- Preservation of the primordial living environment, traditional way of life, housekeeping activities and industries of the small-numbered indigenous peoples of the North.
- Environmental monitoring in the areas of the Company's operations.
- Improvement of environmental activity and environmental management system in the Company's subdivisions.
- Improvement of the personnel's environmental skills.
- Cooperation with parties concerned, public organizations and the media.
- Transparency of the socially significant information on the Company's environmental efforts.



# The Company's responsibilities

In accordance with the basic principles of the Environmental policy, "Surgutneftegas" PJSC undertakes the following responsibilities:

- Comply with the legislation of the Russian Federation in the fields of environmental protection and sanitary and epidemiological welfare of the population.
- Conduct a strategic environmental assessment, including assessment of a cumulative effect from an aggregate impact while implementing large-scale infrastructure projects of the Company.
- Conduct a comprehensive environmental impact assessment (EIA) of projects from construction to decommissioning of facilities.
- Additionally assess environmental risks while developing project documentation for the construction of facilities in environmentally sensitive and valuable areas.
- Ensure efficient environmental activity and improve its control system.
- Improve industrial and environmental safety at the Company's facilities, assume required measures to mitigate accident risk of oilfield equipment and provide integrity of pipeline systems.
- Enhance energy efficiency of production processes at all production stages.
- Reduce motor fuel consumption and improve the environmental performance of the Company's vehicles.
- Ensure rational nature management, mitigation of a negative impact on the environmental components and compensation of possible damage to the environment.
- Apply the "green office" principles.
- Implement all possible measures on biodiversity conservation, preservation of animal migration paths in the areas of operations, timely reclamation of disturbed lands as well as reduction of natural landscapes fragmentation by laying linear facilities in the existing utility line areas and placing site facilities on previously disturbed lands within existing industrial sites.
- Avoid carrying out works in the territory of World Natural Heritage sites and wetlands having international significance and in specially protected natural reservations when designing site structures and oilfield infrastructure facilities. In the absence of such possibility – observe a special mode of business activities.
- Take account of interests and rights of the small-numbered indigenous peoples to lead the traditional way of life and preserve their traditional settlement territories historically inhabited by their ancestors.
- Observe current rules and standards of the Company's employees' conduct when implementing the Company's projects, including waste management standards and prohibition of hunting, fishing and gathering wild-growing herbs, and require the contractors to comply with these rules and standards.
- Organize environmental education of the Company's employees and their regular professional training.
- Ensure wide availability of environmental information on the Company's business activities, transparent environmental activity and decisions made in this area.
- Apply environmental standards of the Company to the activity of contractors.



# Basic principles of the policy on interaction with the small-numbered indigenous peoples of the North

- Compliance with federal and regional legislation aimed at protecting the rights and legitimate interests of the small-numbered indigenous peoples.
- Preservation of the primordial living environment, traditional way of life, housekeeping activities and industries of the indigenous population.
- Recognition of the importance of land, water bodies, wild-growing herbs and game animals, maintaining environmental resource potential of the ecosystems as the basis for the traditional nature management of the small-numbered peoples.
- Rational use of land and natural resources in the places of traditional residence and traditional housekeeping activities of the small-numbered indigenous peoples of the North.
- Respect for the ethnic identity, culture and local customs of the indigenous people.
- Maintaining a balance between the interests of the Company and the small-numbered indigenous peoples of the North by imposing mutual self-restrictions and obligations.
- Ensuring participation of representatives of the small-numbered indigenous peoples of the North in decision-making on placement of business assets in the territory of their living and traditional housekeeping activities.
- Conclusion of economic agreements and treaties as the most important tools of equal partnership with the indigenous people in order to compensate for the limitation imposed on the traditional use of natural resources.
- Transparency and availability of the socially significant information on the Company's environmental efforts, the state of the natural environment and the relations with the small-numbered indigenous peoples of the North.





# ENVIRONMENTAL SAFETY OF OILFIELD FACILITIES AND EQUIPMENT

## 03

- ⌚ Accident risk mitigation measures
- ⌚ Receipt inspection of pipe products
- ⌚ Field pipeline corrosion monitoring and diagnostics
- ⌚ Pipeline inhibitor protection
- ⌚ Use of pipe products with an internal coating
- ⌚ Dehydration of oil

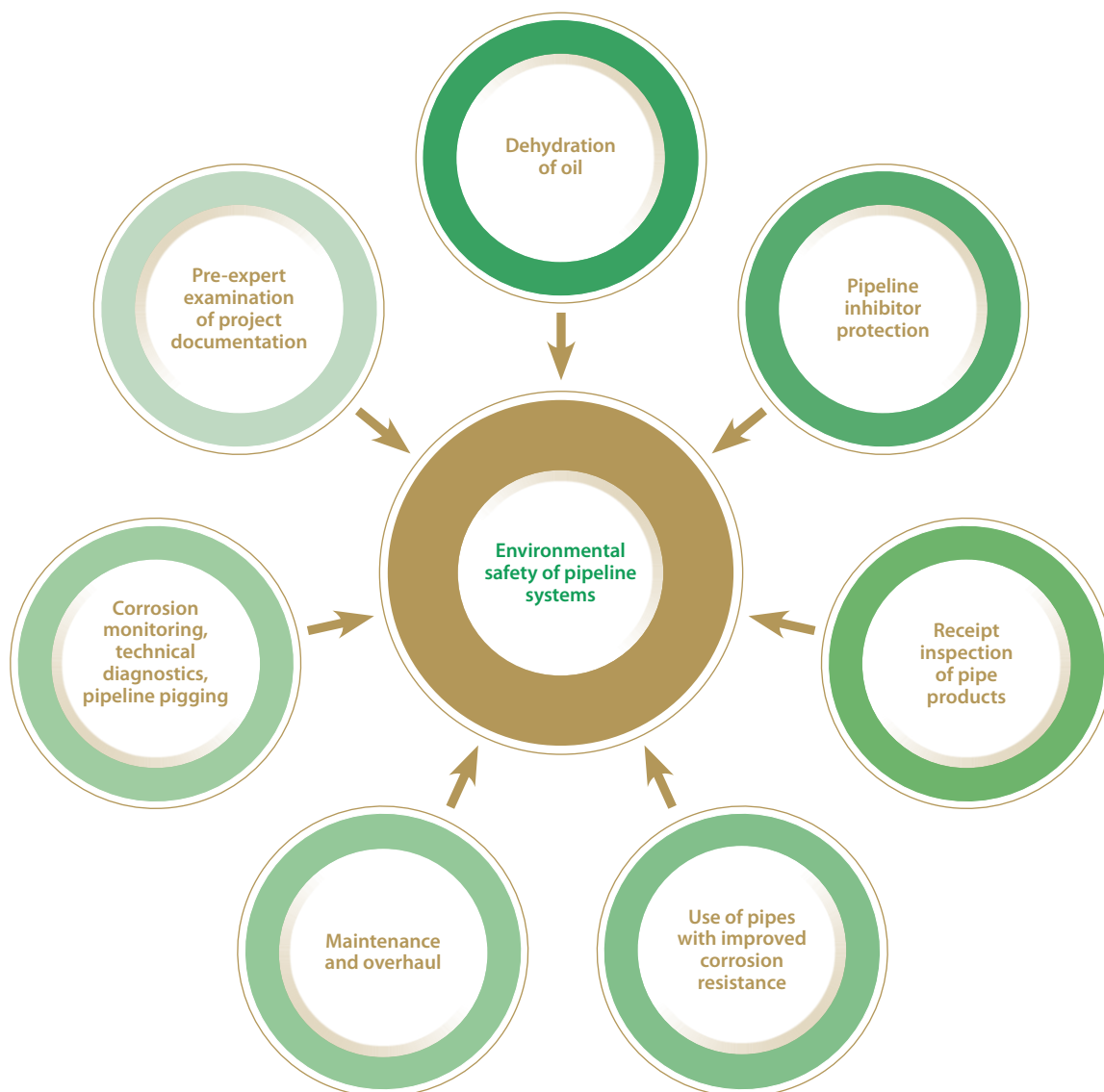






# Accident risk mitigation measures

The level of environmental safety of “Surgutneftegas” PJSC is largely based on the operational reliability of field pipelines. In order to mitigate the accident risks, the Company applies effective measures for quality control of construction and safe maintenance of field pipelines.





# Receipt inspection of pipe products

All pipes that come to the Company for construction of oil pipelines and oil and gas pipelines undergo a receipt inspection for compliance with the technical requirements using non-destructive methods. "Surgutneftegas" PJSC performs a receipt inspection using destructive methods as well. It allows us to ensure high quality of the pipe products in use.

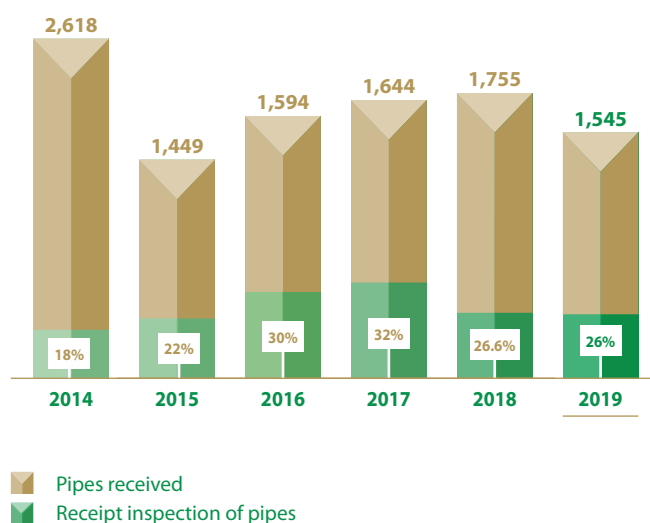
In 2019, 1,391.7 kilometers of pipes underwent the receipt inspection using non-destructive methods (70% of the total number of pipes shipped to the business units of the Company), 401.8 kilometers of pipes underwent the receipt inspection using destructive methods (26% of the total number of the received pipes). As a result of the receipt

inspection using non-destructive methods 5.2 kilometers of pipes were rejected.

There were no non-compliant pipes revealed as a result of the receipt inspection using destructive methods in 2019; requirements as to the chemical composition, structure and mechanical properties of metal of pipes are provided by manufacturers in full.

IN 2019, RUSSIAN SUPPLIER PLANTS OF "SURGUTNEFTEGAS" PJSC COULD PROVIDE AN EXCELLENT QUALITY OF MANUFACTURED PIPES FOR OIL AND GAS PIPELINES IN ACCORDANCE WITH SPECIFICATIONS (AS A RESULT OF THE RECEIPT INSPECTION USING DESTRUCTIVE METHODS)

## Receipt inspection of pipes for oil and gas pipelines using destructive methods, km



# Field pipeline corrosion monitoring and diagnostics

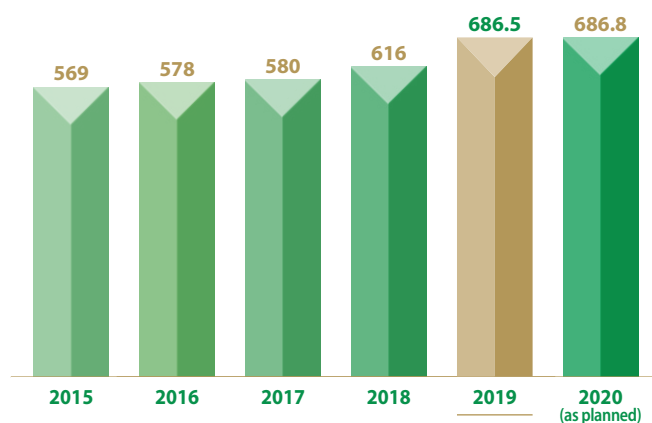
Annually, 500-700 kilometers of field pipelines of “Surgutneftegas” PJSC undergo pipe pigging. This method of online diagnostics of field pipelines is the most reliable one.

The Company has been implementing the program for pipe pigging of oil pipelines and oil and gas pipelines using modern equipment over the last 11 years. More than 80% of the operated pipelines are checked using the transformation-

electromagnetics technique, many sections are diagnosed twice. On the basis of the diagnostics we develop programs for pipeline maintenance and overhaul, inhibitor protection, cleaning of pipelines inner surface.

IN 2019, WE REPAIRED  
686.5 KILOMETERS OF PIPELINES

 Pipeline overhaul, km



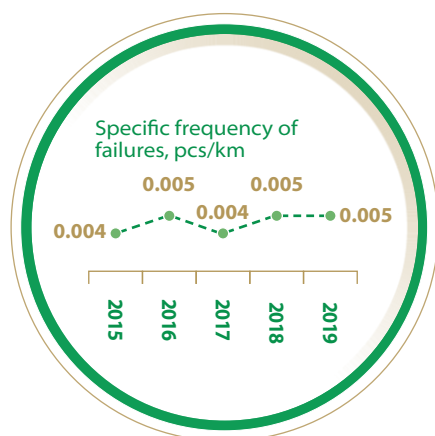
# Pipeline inhibitor protection

The Company introduced the control system for technological processes which enable environmental safety of pipelines. Corrosion inhibitors are used only after checking chemical products with the special admission system. The length of inhibited field pipelines is reduced annually due to the intentional replacement by "Surgutneftegas" PJSC of the worn out pipeline sections with new ones which have an internal anti-corrosion coating.

In 2019, the inhibitor protection was applied to 1,986 kilometers of field pipelines, the effectiveness of such protection is 90-95%. Corrosion inhibitors were injected by chemical injection units, which are equipped with devices

for automatic control with online transfer of operating parameters to ASU TP "OKO-TsITS OGPD". In the reporting year, 231 chemical injection units were used.

THE TOTAL NEED FOR CORROSION INHIBITORS WAS REDUCED BY 33%, THE COSTS OF CORROSION INHIBITORS WERE REDUCED BY 26%. SPECIFIC PROTECTION COSTS PER 1 KILOMETER OF FIELD PIPELINES WERE REDUCED BY 8%.





# Use of pipe products with an internal coating

The use of pipes with improved corrosion resistance is the most promising area of work to prevent accidents in field pipelines. In order to minimize environmental risks "Surgutneftegas" PJSC uses pipes with an internal and external coating. Starting from 2025, the Company plans to operate such oil and gas pipelines only.

The plant constructed by "Surgutneftegas" PJSC for application of an internal anti-corrosion polymer coating on pipes and pipeline fittings has been successfully operating for 5 years. Best equipment, technologies and materials in compliance with international standards enable implementation of the corporate programs for capital construction, reconstruction and repair of oil and gas pipelines using pipes with an internal coating.

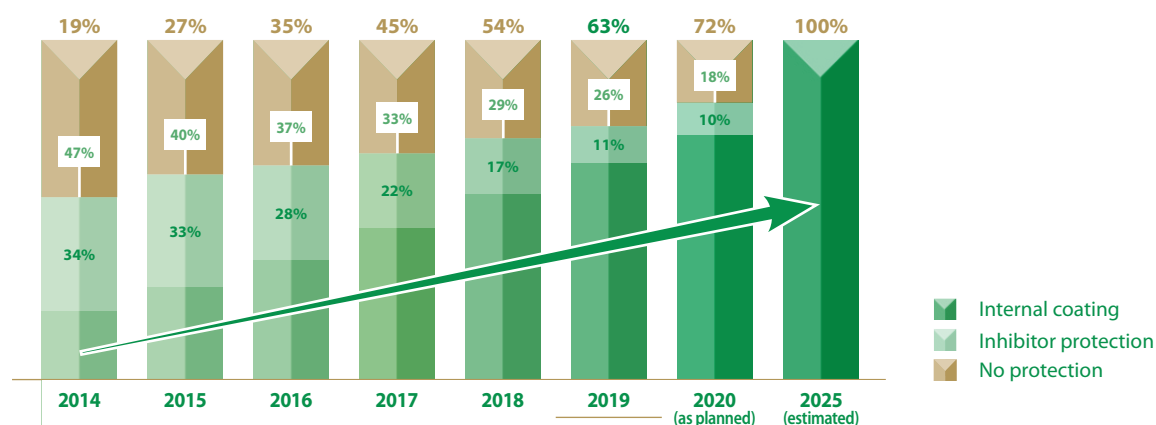
For the whole period of operation, the Company has produced more than 2,800 kilometers of pipes and 109,000 fittings with a polymer anti-corrosion coating. To protect welded pipe joints we use protective sleeves

of our own production. In the reporting year, the Company produced more than 67,500 of those.

In 2019, the Company introduced 821 kilometers of pipelines with an internal protective coating, the total amount introduced is 5,200 kilometers (it is 63% of the total length of oil and gas pipelines operated by the Company).

Taking into consideration the gained experience in construction of oil and gas pipelines with an anti-corrosion coating, in 2020 "Surgutneftegas" PJSC plans to construct and repair pipelines of the reservoir pressure maintenance system using pipe products with an internal coating as well.

## Environmental safety of the operated oil and gas pipelines in Western Siberia



The Company uses innovative technologies to ensure environmental safety of pipelines

SINCE 2014, THE COMPANY HAS INCREASED THE LENGTH OF OIL AND GAS PIPELINES WITH AN INTERNAL COATING MORE THAN THREE-FOLD AND IN 2020 IT WILL EXCEED 6,000 KILOMETERS.

# Dehydration of oil

**In 2019, “Surgutneftegas” PJSC ensured accident-free operation of field pipelines due to introduction of preventive measures, namely, intra-field dehydration of well production fluid.**

Initial water separation units efficiently separate produced formation water for its further use in the reservoir pressure maintenance system.

Lowering the water content to less than 5%, we ensure energy saving and anti-corrosion operation of oil pipelines. The Company rationally uses the water resources, reduces pipelines length and mitigates accident oil spill risks.





# ENVIRONMENTAL ACTIVITY

## 04







# The Company's activity aimed at climate change prevention

**“Surgutneftegas” PJSC shares the worldwide concern about global climate change issues and realizes the possibility of ecosystems disturbance, risks of natural disasters, hazards to people's health and life, uncontrolled reduction in biodiversity of the planet and other consequences of climate change.**

In order to counteract global processes the Company takes into account its own risks related to this worldwide problem and seeks to reduce its environmental impact as much as possible, decrease the impact of all links of the production chain on climate change by facilitation of considerable efforts to reduce greenhouse gas emissions.

THE COMPANY PREVENTS >30 MILLION TONNES (IN CO<sub>2</sub>-EQUIVALENT) OF GREENHOUSE GAS EMISSIONS INTO THE ATMOSPHERE ANNUALLY DUE TO THE HIGH LEVEL OF EFFICIENT APG UTILIZATION

In order to prevent global climate change and reduce greenhouse gas emissions the Company introduces a range of measures as follows:

- carries out pre-engineering work, design and examination of project documentation in environmental safety and environmental impact assessment;
- constructs facilities for utilization of associated petroleum gas, and provides their technical reequipment, reconstruction and upgrading;
- develops the system for greenhouse gas emissions recording and control;
- implements programs for improved energy efficiency and resource saving;
- increases the efficient use of associated petroleum gas;
- takes measures to reduce hydrocarbon losses and increase its processing;

- applies effective technologies for detecting and reduction of hydrocarbon emissions into the atmosphere;
- looks for effective approaches to safe greenhouse gas utilization;
- expands areas of low-carbon energy resource use such as gas, renewable resources;
- produces eco-fuel;
- performs regular operating setup of fuel-fired equipment;
- transits fuel-consuming equipment to electric drive;
- takes comprehensive environmental safety measures to prevent accidents;
- takes measures to reclaim forests.

“SURGUTNEFTEGAS” PJSC INTRODUCES MEASURES TO PREVENT GLOBAL CLIMATE CHANGE AND REDUCE GREENHOUSE GAS EMISSIONS

## KEY AREAS OF THE COMPANY'S ACTIVITY AIMED AT CLIMATE CHANGE PREVENTION

### 1. Improved performance of the systems for greenhouse gas emissions recording and control

The system for greenhouse gas emissions recording and control has been functioning in the Company since 2016 as part of measures taken to prevent global climate change. It works in accordance with new requirements of the legislation of the Russian Federation and



international standards in the sphere of climate change.

“Surgutneftegas” PJSC maintains impact sources databases, controls the ambient air condition in all regions of its operations, processes and analyzes the obtained information.

**“SURGUTNEFTEGAS” PJSC DEVELOPS THE CORPORATE SYSTEM FOR GREENHOUSE GAS EMISSIONS RECORDING AND CONTROL**

In 2019, the Company’s gross greenhouse gas emissions in the segment “Oil and gas production” amounted to approximately 2 million tonnes (in CO<sub>2</sub>-equivalent). In comparison with 2016, the Company reduced APG emissions by 11% due to successful implementation of the corporate program for utilization of associated petroleum gas. The main share (over 60%) of direct greenhouse gas emissions into the ambient air comes from fuel consumption, 10% from APG flaring.

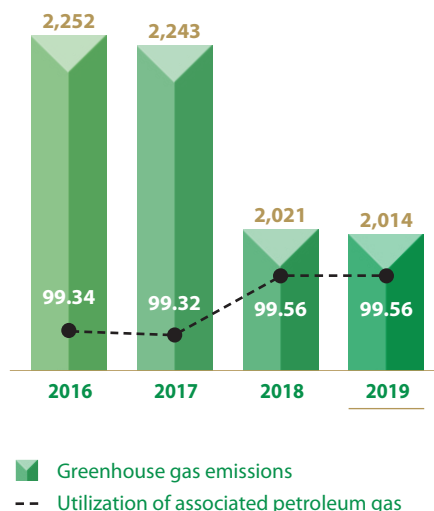
**2. Rational use of associated petroleum gas**

Our business priorities in terms of climate change prevention are the rational use of APG and reduction of its flaring. The Company’s management pays attention to the issues of the maximum use of APG by estimating natural gas resources, initiates projects on the construction of new facilities for its utilization and participates in preparation of proposals for improvement of regulations in the sphere of greenhouse gas reduction.

The Company has been maintaining leading positions in the Russian oil and gas sector in terms of the efficient use of associated petroleum gas for eight years. APG utilization at the end of 2019 is 99.56%.

**“SURGUTNEFTEGAS” PJSC IS THE LEADER OF RUSSIAN FUEL AND ENERGY COMPLEX IN TERMS OF UTILIZATION OF ASSOCIATED PETROLEUM GAS. THE MILESTONE OF 95% WAS SUCCESSFULLY PASSED IN 2008. SINCE 2012 TILL NOW THE COMPANY HAS BEEN ENSURING A RECORD LEVEL OF APG UTILIZATION OF MORE THAN 99%.**

**Greenhouse gas emissions in the segment “Oil and gas production” (thousand tonnes in CO<sub>2</sub>-equivalent) and utilization of associated petroleum gas (%)**



**EMISSIONS OF POLLUTANTS AND GREENHOUSE GAS EMISSIONS FROM FLARING INTO THE ATMOSPHERE WERE DECREASED BY 94% IN COMPARISON WITH 2004.**

“Surgutneftegas” PJSC had started to implement innovative projects on climate change prevention and reduction of greenhouse gas emissions long before the introduction of strict obligations for industrial companies as to the level of APG utilization in the Russian Federation. The integrated system for gathering, transportation and rational utilization of petroleum gas was developed in “Surgutneftegas” PJSC more than 20 years ago.

In the reporting year, the Company operated 30 small-scale power generation facilities which contribute to the reduction of gas flaring, 23 low pressure separation compressor stations which can fully extract the gas saturated with heavy hydrocarbons from the oil emulsion (more than 1 billion cubic meters annually).

## THE COMPANY'S ACTIVITY AIMED AT CLIMATE CHANGE PREVENTION

Along with the construction and operation of the small-scale power generation facilities, "Surgutneftegas" PJSC successfully uses a rational approach to the use of associated petroleum gas in other lines of business as well. APG is utilized at the gas processing plant, is injected in oil-bearing horizons to maintain reservoir pressure, is used in all the areas of the Company's operations as fuel for boilers, furnaces, initial water separation units, etc. APG flaring is done mainly to maintain pilot burners needed for the safe operation of flare systems. In 2019, the efficient use of associated petroleum gas at all fields of the Company is more than 97%.

**99% AND MORE – THE BEST INDICATOR OF APG UTILIZATION IS REACHED AT 48 FIELDS OF THE COMPANY WHICH AMOUNTED TO 65% OF THEIR TOTAL NUMBER IN 2019.**

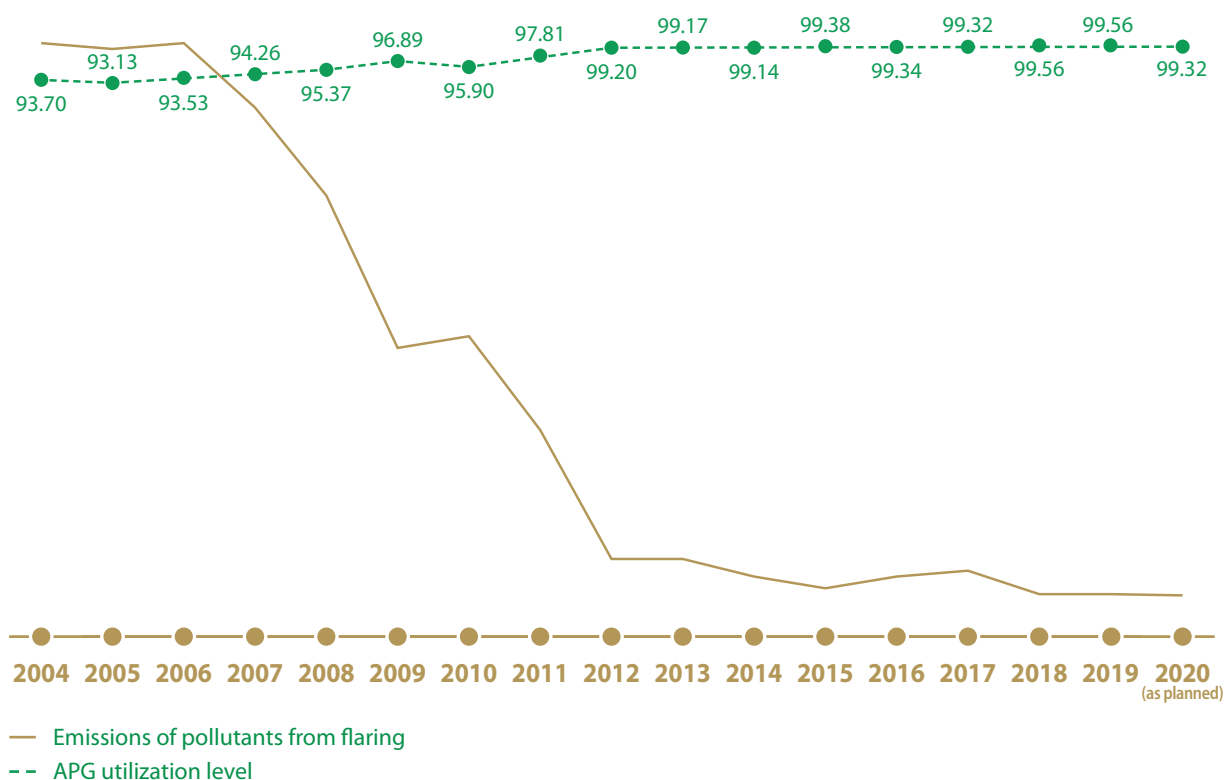
For the purposes of APG utilization and reduction of the negative impact on climate the Company constructs facilities for utilization of associated petroleum gas, and provides their technical reequipment, reconstruction and upgrading.

**RUB 2.7 BILLION – INVESTMENTS IN CONSTRUCTION OF FACILITIES FOR THE RATIONAL USE OF APG IN 2019**

### 3. Improved energy efficiency and resource saving

Rational use of energy resources is the cornerstone of "Surgutneftegas" PJSC energy policy. We pay close attention to the reduction of fuel and energy consumption, improvement of energy efficiency in technological processes.

### APG utilization level and emissions of pollutants from flaring, %





IN 2019, "SURGUTNEFTEGAS" PJSC SPENT RUB 215 MILLION  
ON THE IMPROVEMENT OF ENERGY EFFICIENCY AND RESOURCE SAVING

The Company implements the program for energy saving and improved energy efficiency which covers all spheres of its activity: well drilling, artificial lift and oil recovery enhancement, water injection, oil treatment and transportation, gas production and transportation, gas processing, power generation, capital construction, well servicing and workover, major repair of buildings and structures. The program includes introduction of energy saving technologies and new energy efficient equipment as well as organizational and technical measures to reduce energy consumption. Since its implementation in 2011, the total saving of equivalent fuel has been more than 3 million tonnes. In 2019 alone, "Surgutneftegas" PJSC saved more than 258 thousand tonnes of equivalent fuel, that allowed us to reduce the need of the Company for fuel and energy consumption by more than 4%.

IN THE REPORTING YEAR,  
SAVING FROM FUEL AND ENERGY  
CONSUMPTION AMOUNTED TO >4%

#### 4. Introduction of renewable energy resources







"Surgutneftegas" PJSC introduces technologies on the basis of renewable energy resources (RES): solar systems for water heating at the Company's facilities located

in Krasnodarsky Krai; the Company has installed and operates solar collectors to provide hot water supply in the territory of the Republic of Sakha (Yakutia) which make it possible to save 50 thousand kWh of electricity.

#### 5. Forest reclamation

Greenhouse gas emissions produced by the Company can be effectively compensated with the help of absorption ability of forests. That is why "Surgutneftegas" PJSC has been actively reclaiming forests. Thus, from 2016 to 2019 the Company planted about 3 million of trees and shrubs, which amounts to 700 hectares of forest.

Forest reclamation measures include the following:

-  planting of trees and shrubs, including Siberian pine (cedar);
-  planting of greenery around production and public facilities;
-  improvement of parks, squares and other green areas in the residential areas;
-  fire-fighting measures;
-  measures to prevent littering of adjacent forest areas;
-  introduction of an access mode restricting the entry into the forested areas.

# Air protection

## AIR PROTECTION MEASURES

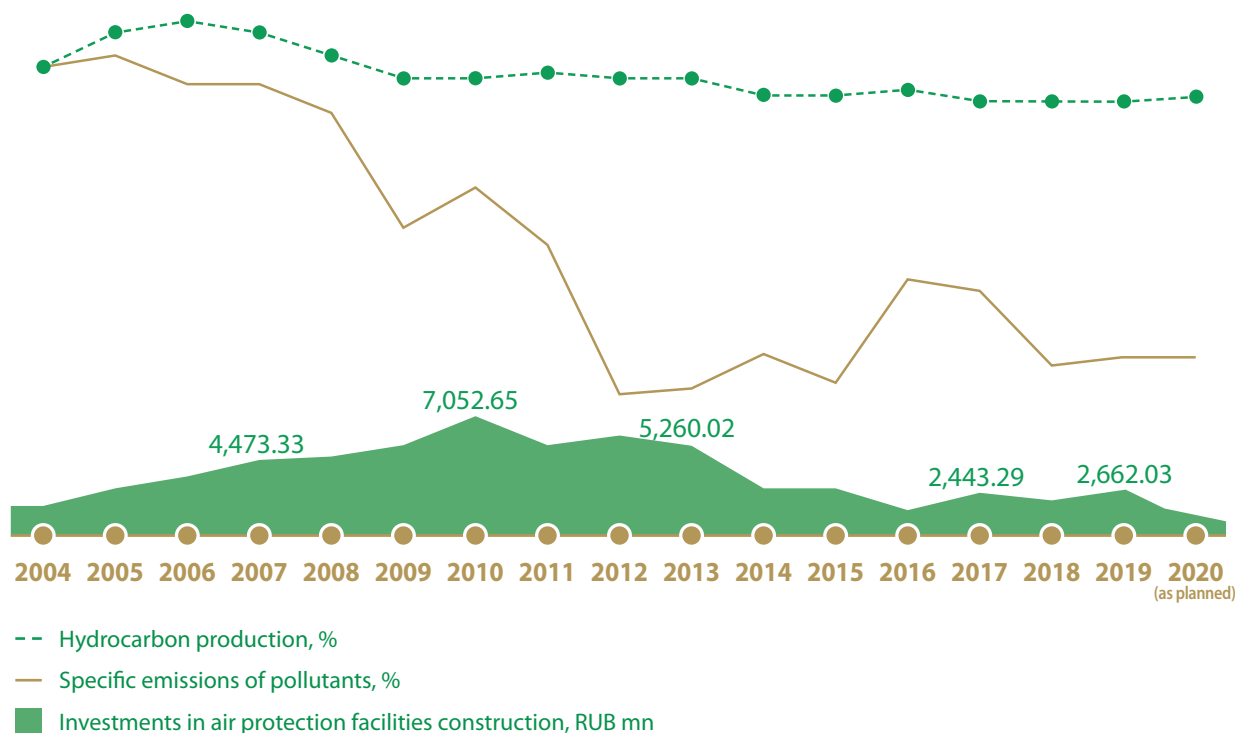
In order to mitigate the negative impact on ambient air, "Surgutneftegas" PJSC, together with utilization of associated petroleum gas and improved energy efficiency, takes the following measures:

- performing regular operating setup of fuel-fired equipment;
- using gas treatment units, controlling their efficiency, performing routine repairs and overhaul;
- decrease emissions during the periods of adverse meteorological conditions;
- using environmentally friendly fuel;
- renewal of motor vehicle fleet, an increase of fuel efficiency of motor vehicles;

- transition of the equipment to coolants, which are safe for the ozone layer;
- performing regular checks of transport and other vehicles for compliance with technical standards for emissions;
- industrial environmental control;
- recording of emissions of pollutants, including greenhouse gases and chemicals that destroy the ozone layer;
- improvement of arrangement and quality of air protection in the Company.

"Surgutneftegas" PJSC by its own efforts and at its own expense designs and constructs air protection facilities. Due to the fact that the Company has a complete production infrastructure in the existing fields, the rate of specific emissions of pollutants with the stable

## ○ Hydrocarbon production, specific emissions of pollutants, investments in air protection facilities construction



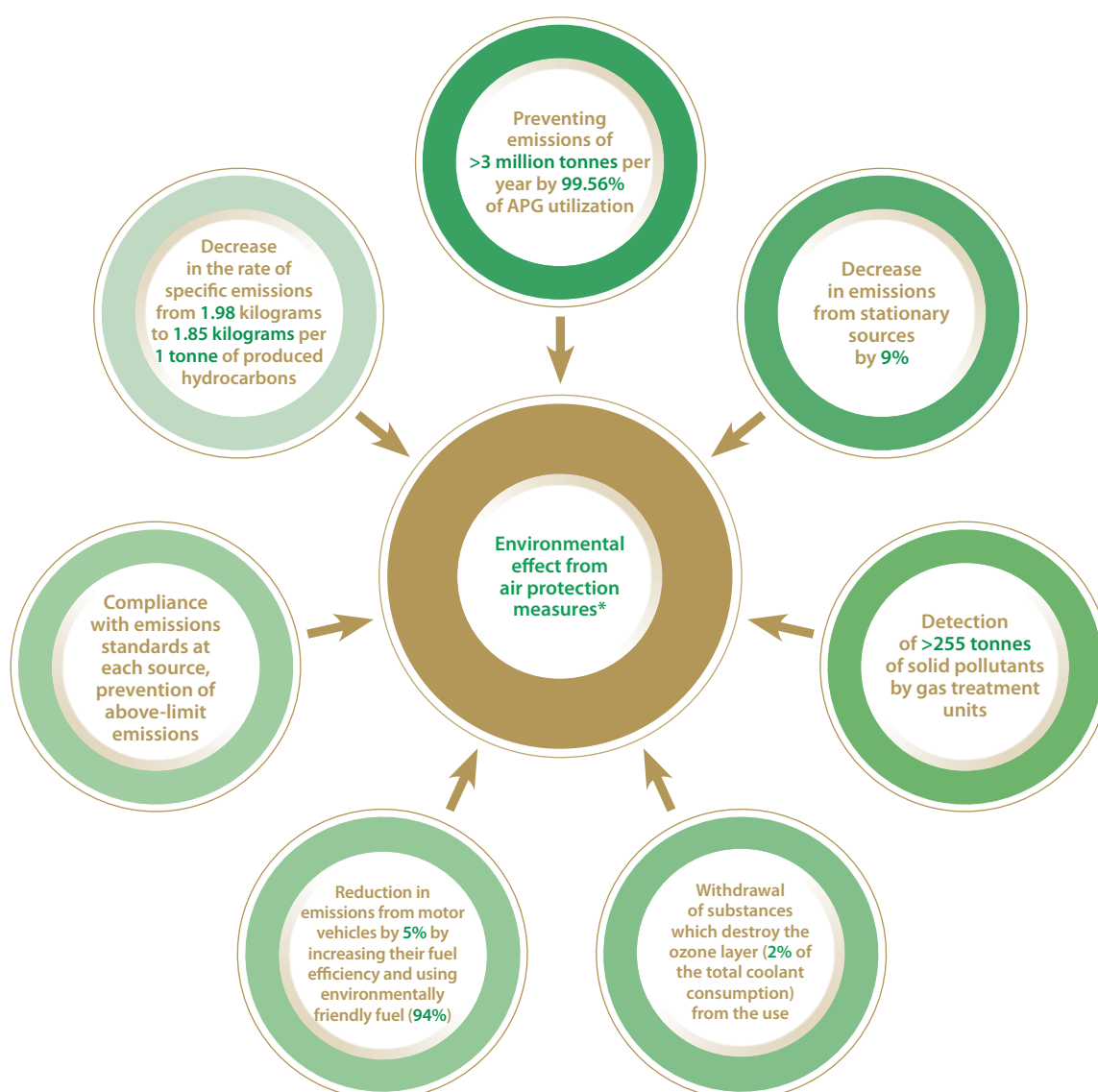


high level of hydrocarbon production has more than halved against 2004 (from 4.09 kilograms to 1.85 kilograms per tonne of produced hydrocarbons).

In the reporting year, the investments of “Surgutneftegas” PJSC in construction and technical reequipping of facilities for utilization of associated petroleum gas amounted to 95.6% of the total volume of capital investments in construction of environmental facilities. The Company spent RUB 8.2 billion on air protection measures taking into account costs of upkeeping and operation of fixed assets for ambient air protection and climate change prevention. A network of gas pipelines

in Khanty-Mansiysky Autonomous Okrug – Yugra, a low pressure separation compressor station at the Yuzhno-Nyurymskoye oil field in Tyumenskaya Oblast were constructed. It is planned to construct a network of gas pipelines in the Republic of Sakha (Yakutia) and Khanty-Mansiysky Autonomous Okrug – Yugra in 2020.

The rational use of natural resources, comprehensive approach to air protection challenges allowed “Surgutneftegas” PJSC to significantly minimize a man-made impact on ambient air. Thus, the Company contributes to introduction of international initiatives on global climate change prevention, including reduction in greenhouse gas emissions.



\* In 2019 as compared to 2018.

# Protection and rational use of water resources

**All water intake points of “Surgutneftegas” PJSC are equipped with water metering instruments. The Company’s water protection activity is aimed at prevention of water bodies pollution, saving and rational use of water resources.**

A greater part of the Company’s fields are located in the Middle Ob area famous for the full-flowing Ob river and its flood-plain landscape, the most extended one in the world, for hundreds of small rivers and lakes, for unique wetlands. Organization of production processes of “Surgutneftegas” PJSC requires careful treatment of nature and a special mode of business activities.

In the reporting year, the environmental impact is described as acceptable – the environmental components are monitored at all license blocks of the Company. “Surgutneftegas” PJSC performs surface and ground water abstraction in strict compliance with the project and regulatory documents. Fresh groundwater reserves were evaluated at all water intake points with production rate over 100 cubic meters per day.

There are sanitary protection zones developed for household and drinking water

intake points, their projects have obtained a sanitary and epidemiological approval.

Paying a lot of attention to the rational use of water resources, “Surgutneftegas” PJSC abstracts 47% of the allowable volume of fresh water. The total specific water consumption remains at a minimum level (less than 1.6 cubic meters of water per tonne of hydrocarbons produced).

To maintain reservoir pressure and save fresh water, the Company is gradually switching to the use of underground saline water.

The Company recycles treated wastewater as injectant in the reservoir pressure maintenance system. In 2019, about 425.6 million cubic meters of wastewater and produced water was injected. Total volume of treated household wastewater injected to maintain reservoir pressure was 4.9 million cubic meters, including 3.3 million cubic meters in the Republic of Sakha (Yakutia).

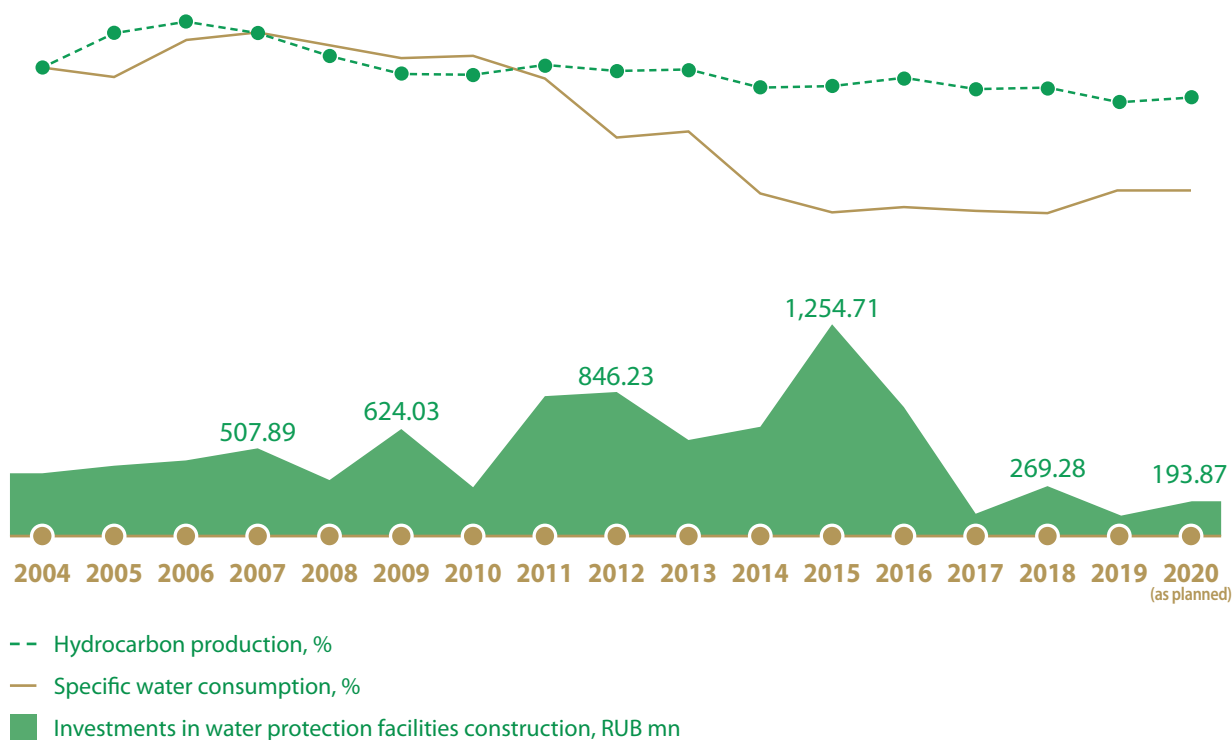
**IN 2019, “SURGUTNEFTEGAS” PJSC SAVED MORE THAN  
1.5 MILLION CUBIC METERS OF FRESH WATER**

## INFORMATION ON WATER CONSUMPTION

Indicator	Unit	2018	2019	2020 (as planned)
Water production:	’000 cub m	83,652.57	88,632.5	89,174.84
incl. fresh subsoil	’000 cub m	4,187.42	4,151.55	4,187.01
Surface water abstraction	’000 cub m	16,313.06	14,804.78	15,255.56
Specific water consumption	cub m/t	1.408	1.512	1.521



## Hydrocarbon production, specific water consumption, investments in water protection facilities construction



Effluents from “Surgutneftegas” PJSC facilities located in the Yakut village of Vitim are cleaned to the required standard at biological treatment facilities, and further streamed to the Romanovsky Klyuch brook.

In order to reduce the anthropogenic impact on the environment, “Surgutneftegas” PJSC successfully implements a comprehensive program for increasing the operational reliability of the

oil production facilities. In particular, initial water separation units based on three-phase separators are being constructed. These units are usually mounted on booster pump stations and are designed to separate the water-oil emulsion and bring the water to the requirements of the relevant standards. IWSU enables to efficiently separate produced formation water for its further use in the reservoir pressure maintenance system.

## INFORMATION ON WATER DISCHARGE

Indicator	Unit	2018	2019	2020 (as planned)
Wastewater injection	'000 cub m	429,783.62	425,609.83	417,419.56
incl. household wastewater	'000 cub m	4,441.08	4,956.52	4,711.54
Treated wastewater discharge into water bodies	'000 cub m	19.83	21.683	21.9

It thereby reduces the corrosion of pipelines, significantly cuts down accident risks and possibility of pollution of gathering grounds and water bodies with the oil emulsion and highly saline formation water.

“Surgutneftegas” PJSC reconstructs oilfield infrastructure in accordance with the

requirements of environmental legislation: in 2019, drain tanks were installed at 26 well pads, ramps were reconstructed at 46 well pads. In the reporting year, the Company invested RUB 112.6 million in construction of water protection facilities; in 2020, it is planned to almost double these investments.



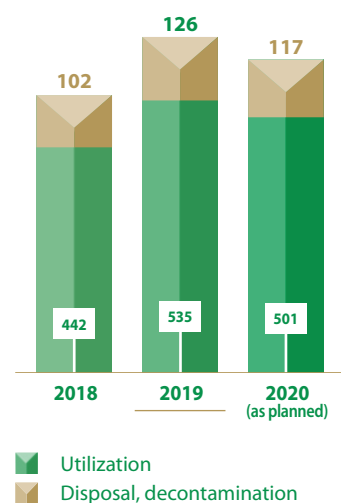
# Waste management

Sufficient investments of “Surgutneftegas” PJSC in the construction of facilities and purchase of equipment for safe waste management contribute to waste decontamination, processing and utilization. The Company’s specific indicator of waste generation and burial is low and amounts to 0.014 tonnes and 0.004 tonnes per 1 tonne of produced hydrocarbons respectively. Over the years, Surgutneftegas has been showing a high level of waste utilization, treatment and decontamination (over 70%).

The operations of the Company result in about 800 thousand tonnes of production and consumption wastes, three quarters of which account for drill cuttings. To minimize the negative environmental impact, Surgutneftegas strives to reduce drilling waste generation. In 2019, drill cuttings utilization level in “Surgutneftegas” PJSC was over 75%. The Company systematically refuses to use toxic chemicals and oil in preparation of drilling fluids.

The know-how of Surgutneftegas is environmentally friendly and resource saving technology of pitless drilling which is certified by the State Expert Commission at a federal level. In the process of drilling, only clay based drilling fluids with the addition of biodegradable polymers are used, four-stage cleaning and circulation systems for drilling fluid are employed. Decontaminated drill cuttings are utilized as soil during earth fill construction on well pads. There is no need to transport drill cuttings to utilization sites and necessity to decontaminate it for further disposal and burial.

Drill cuttings utilization as soil during earth fill construction on development and exploratory drilling sites, '000 tonnes



THIS TECHNOLOGY OF PITLESS DRILLING USED BY “SURGUTNEFTEGAS” PJSC IS INCLUDED IN THE RUSSIAN INFORMATION AND TECHNICAL REFERENCE BOOK OF THE BEST AVAILABLE TECHNOLOGIES (“OIL PRODUCTION” INDUSTRY)



In terms of environmental protection, this is the best available technology recognized as one of the most promising global practices which is successfully employed at the fields of Western Siberia to ensure nature and resource saving. Application of this BAT allows "Surgutneftegas" PJSC to drill wells in areas with a special mode of management.

Single and multiple cell sludge storage ponds collect oil sludge and drill cuttings, oil containing fluids and contaminated soil all year round. Six centers for oily soil decontamination that include 4 upgraded lines for fluid phase

recycling, equipped with tricanter centrifuges, are used for maximum recovery of oil which is returned to the technological process.

The remaining solid phase of oil sludge is decontaminated by a thermal method using 10 Szhigatel incineration units.

Due to such a high level of equipment and technology availability in "Surgutneftegas" PJSC, the annual burial of over 60 thousand cubic meters of oil sludge and oily soils is prevented as the Company fully decontaminates this waste. The Company fully decontaminates 100% of its oil sludge using thermal and panning methods.

## WASTE MANAGEMENT IN "SURGUTNEFTEGAS" PJSC

Indicator	2018	2019	2020 (as planned)
Waste generated, '000 tonnes	824.49	963.63	885.00
incl. drilling waste	584.61	670.88	618.00
Waste utilized, '000 tonnes	535.10	632.23	583.13
incl. drilling waste	455.16	534.62	501.00
Waste utilization level, %	64.90	65.61	65.89
incl. drilling waste, %	77.92	79.69	81.07
Waste decontaminated, '000 tonnes	45.73	63.71	62.87
incl. drilling waste	28.14	40.76	30.50
Waste disposal and burial, '000 tonnes	225.37	243.21	239.00
incl. drilling waste	92.65	84.74	86.50

## DECONTAMINATION OF OIL SLUDGE AND OILY SOILS

Indicator	2018	2019	2020 (as planned)
Generation, '000 cub m	60.33	61.75	65.14
Decontamination, '000 cub m, incl.:	60.33	61.75	65.14
using Szhigatel incinerators	50.54	48.98	55.88
at panning centers	9.79	12.77	9.26
Decontamination level, %	100	100	100

## WASTE UTILIZATION AND RECYCLING

Indicator	2018	2019	2020 (as planned)
Used oils utilization, '000 tonnes	2.285	2.304	3.311
Used tires recycling, '000 tonnes	2.673	2.515	2.316
Paper, plastic recycling, '000 tonnes	0.403	0.281	0.384

The Company uses 21 Forsazh thermal destruction units for thermal decontamination of oily waste cloth, filters and other solid oily waste (0.414 thousand tonnes in total).

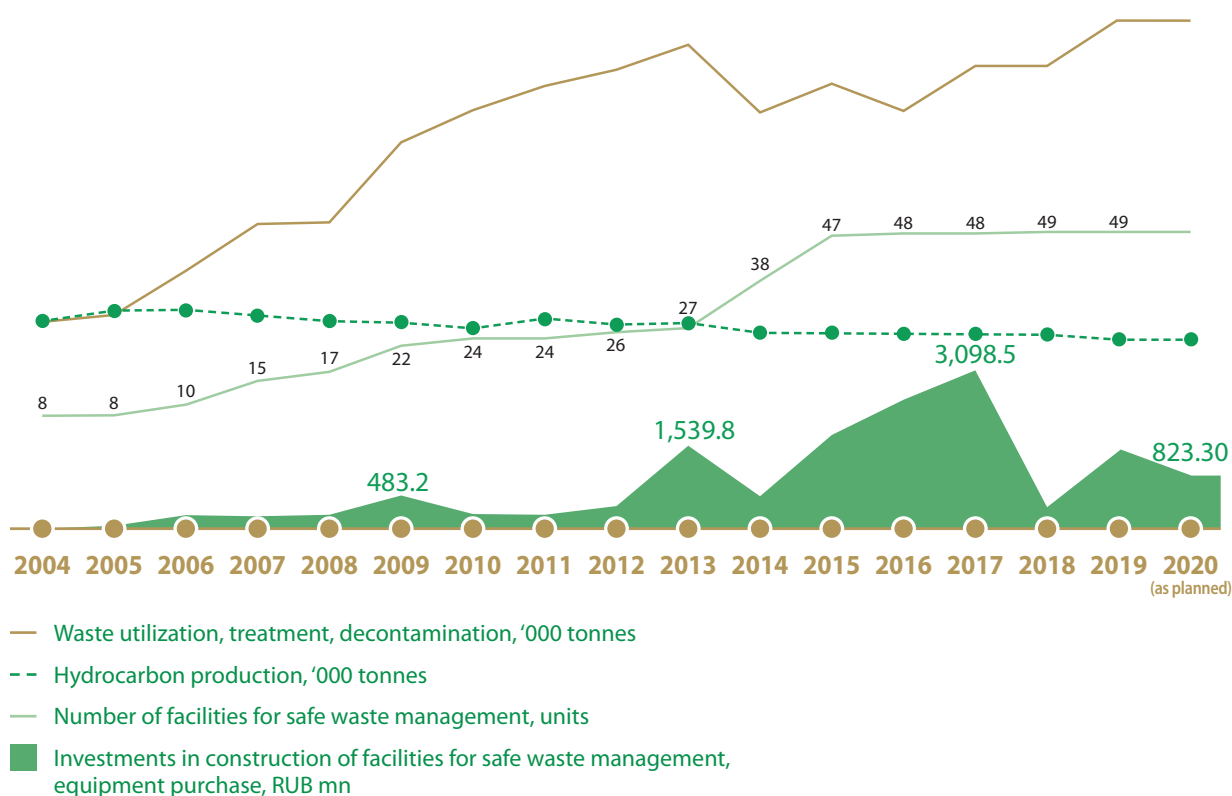
All mercury containing waste of hazard class I (in 2019 – 27.34 tonnes) has been transferred under the contracts to specialized companies for further decontamination.

Used oils generated by the Company are fully utilized into commercial oil after clean-up (settling). 100% of worn-out tires with metal and fabric cords is recycled. Then it is used by

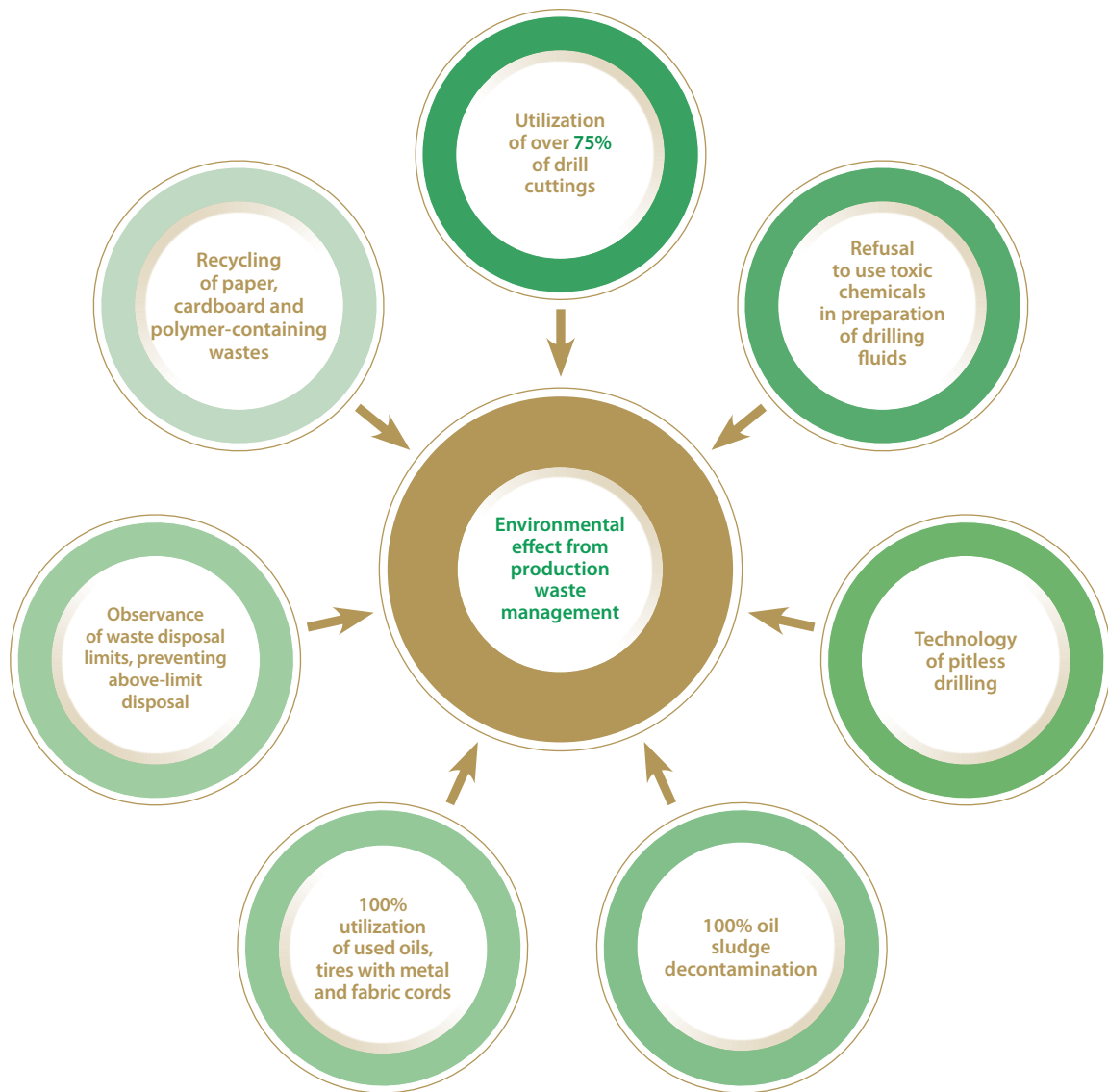
the Company as feedstock at its own in-house processing facilities to make rubber chips, a certified marketable product in demand. One part of these products is used at asphalt-concrete plants of "Surgutneftegas" PJSC to modify bitumen. The other part is used by external companies for surfacing sports and playgrounds.

The Company also sells recyclable material obtained by grinding paper and polymer-containing waste products, as well as by pressing cardboard.

### Hydrocarbon production, waste utilization, treatment and decontamination, investments in construction of facilities and purchase of equipment for safe waste management



100% OF GENERATED OIL SLUDGE, USED OILS,  
TIRES WITH METAL AND FABRIC CORDS IS UTILIZED  
AND DECONTAMINATED BY "SURGUTNEFTEGAS" PJSC





# Protection and rational use of land

## LAND RECLAMATION

*Every year, after completing prospecting and exploratory drilling and seismic surveys on the leased land plots, "Surgutneftegas" PJSC performs the technical and biological reclamation of disturbed lands. After restoring the fertile soil, the Company timely returns the land plots to the Forest Fund of the Russian Federation.*

In accordance with corporate programs and project documentation which underwent a state expert review, Surgutneftegas places its production facilities in an integrated and compact manner to cover the less possible land plots to be later reclaimed as per schedule.

Every land plot gets a special treatment subject to its individual characteristics (the type of landscape, climatic and environmental conditions). The equipment and materials used by the Company help us minimize damage and the temporary load on the soil during land reclamation.

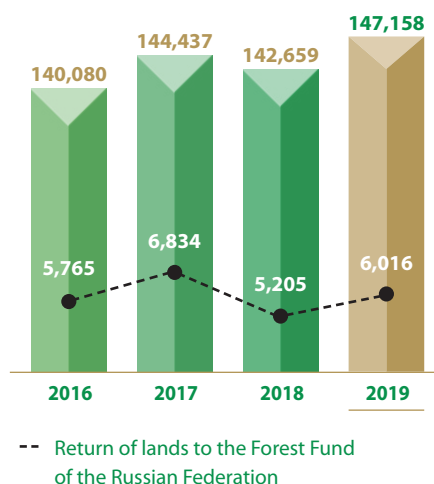
After reclamation is completed, our specialists continue monitoring young plants, if necessary they set out new ones.

Industrial environmental control is constantly exercised by the Company during all land use operations ranging from infrastructure construction and field development to reclamation of the land plots and their return to the Forest Fund of the Russian Federation.

**IN THE REPORTING YEAR, SURGUTNEFTEGAS RETURNED TO THE FOREST FUND OF THE RUSSIAN FEDERATION 6,016 HECTARES OF LANDS**

A comprehensive approach to restoration of disturbed lands and strong discipline in the workplace allow "Surgutneftegas" PJSC for many years to be in good standing for the purpose of returning a large number of the land plots to the Forest Fund of the Russian Federation without delay.

 Land area in use by "Surgutneftegas" PJSC, ha



## RECLAMATION OF LANDS DISTURBED DURING CONSTRUCTION AND OPERATION OF SLUDGE PITS

*Particular attention should be given to the method of forest rehabilitation of land plots previously occupied by sludge pits which is certified by the State Environmental Expert Commission.*

The most important environmental task to minimize the negative impact of drilling waste is the sludge pits reclamation designed for drilling waste disposal. Due to forest rehabilitation technology developed together with V.N.Sukachev Institute of Forest SB RAS, rehabilitation of disturbed lands takes place naturally. The drill cuttings are not isolated and not covered with soil, eventually they transform into soil forming material thanks to natural mechanisms of restoration of ecosystems. Rooted cuttings of reed mace and willow grow fast and stimulate the process of sludge pit overgrowing.

Surgutneftegas has been successfully using this technology for over 20 years: as a result of forest rehabilitation the very first sludge pits have transformed into forest areas which surpass the permanent plant community in terms of productivity and biodiversity.

1,900 LAND PLOTS PREVIOUSLY COVERED BY THE COMPANY'S SLUDGE PITS WERE RECLAIMED THROUGH FOREST REHABILITATION

Forest rehabilitation technology has the following advantages:

- less emissions of pollutants into ambient air due to reduced soil moving, motor and road vehicles operations;
- the use of natural revegetation potential in the most efficient way;
- absence of necessity for land transfer and borrow pit excavation.

### POLLUTION PREVENTION AND ELIMINATION

*"Surgutneftegas" PJSC is well positioned for in-house prevention and elimination of oil spills and reclamation of oil contaminated lands.*

The Company is ready to immediately begin to eliminate the effects of oil and oil product spills of any level (from local to federal) on various types of terrain and under any conditions, to prevent the death of animals, including birds, and to ensure high-quality reclamation of polluted lands.

With advanced material and technical resources, motor vehicles, special oil gathering machinery, necessary means of communication and equipment in place, "Surgutneftegas" PJSC created a unique emergency response system that meets international environmental safety standards.

The Company conducts regular comprehensive exercises at its license blocks in Western Siberia and Eastern Siberia in order to develop practical skills for prevention and elimination of emergency situations caused by

### OIL SPILL RESPONSE FLEET INCLUDES THE FOLLOWING EQUIPMENT AND MATERIALS

Oil skimmers designed to operate under diverse weather and climatic conditions	155
Skimmer boats for skimming of oil on the surface of rivers and lakes, including shallow water trimarans	10
Self-contained pumps	77
Easy-to-assemble aluminum and steel pipes	13.71 km
Rapid deployment booms made of frost-proof materials, including for onshore protection	21.06 km
Absorbent booms	52.17 km
Mobile tanks for temporary storage of oil	49
Sprinklers for biological agents and bacteria treatment	22
Units for producing thermally exfoliated graphite absorbent (U-SRTG)	9
Multifunctional floating platforms for water bodies and inshore zone integrated treatment	29
Vacuum dump trucks and tank trucks for oil products pumpdown and transportation from the areas of spills	86
Dump trucks for soil transportation	143
All-terrain vehicles with excavators and other equipment	23

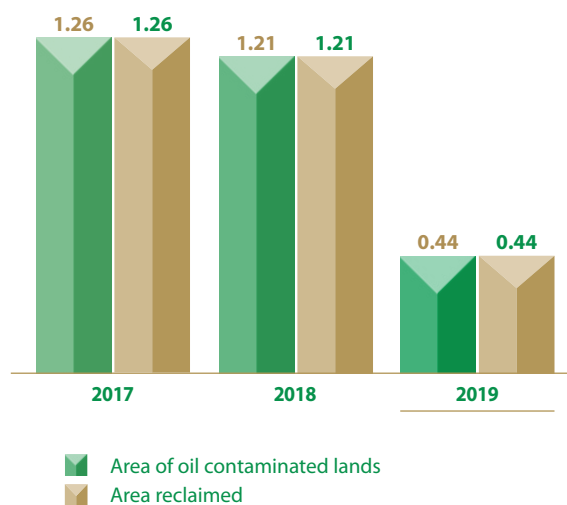
oil spills, for the effective interaction of personnel and maintaining a high level of readiness. To involve the concerned public in the process of conducting and analyzing the exercises, the events are announced in the mass media.

In the reporting year, Nizhnesortymskneft, Lyantorneft, Fedorovskneft, Komsomolskneft, and Bystrinskneft oil and gas production divisions performed the comprehensive exercises in May and June, Talakanneft and Vitim workshop of technical maintenance and equipment completing base – in August. Representatives from regional supervisory bodies, municipal authorities and the mass media attended these exercises.

The out-of-staff accident rescue units of “Surgutneftegas” PJSC showed a high level of training, having carried out all the necessary actions provided for in the plan for prevention and elimination of oil and oil products spills at production facilities, including situations when spills enter rivers.

More than six years ago, the Company got rid of the so-called negative legacy: oil contaminated and not reclaimed areas. In 2019, there was one oil spill incident at the Company’s fields (due to a criminal tie-in), and a total land area of 0.44 hectares was reclaimed.

#### Reclamation of oil contaminated lands of “Surgutneftegas” PJSC, ha



Additionally, in 2019, previously reclaimed lands with the area of 1.21 hectares were excluded from the register of territories and water bodies of Khanty-Mansiysky Autonomous Okrug – Yugra contaminated by oil, oil products and produced water.



“The harder the training”

Prevent a disaster!





# Forest protection

The vast majority, as much as 99% of the land plots used by the Company are located in the territory of the Forest Fund of the Russian Federation. “Surgutneftegas” PJSC does not allow the use of forests and lands for carrying out the geological study of the subsoil and the development of mineral resources without issued permits (title documents).

“Surgutneftegas” PJSC performs forest restoration works as a part of its obligations to reproduce cedar plantings. In 2019, 800 thousand saplings were planted.

IN THE REPORTING YEAR,  
THE COMPANY SPENT RUB 45 MILLION  
ON FOREST RESTORATION

“Surgutneftegas” PJSC employees undertake volunteer clean-ups on a regular basis to clear the territory of the forests and take out the garbage left by the visitors. The Company has introduced an access mode restricting the free entry into some forested areas. Every year

measures are taken to prevent littering of forest areas adjacent to production and public facilities of the Company, which serves to prevent violations in management of production and consumption wastes, and timely eliminate unauthorized landfills.

As part of measures taken by the Company to protect forests from fire, all stationary and mobile points of production sites are equipped with fire-fighting equipment, the machinery in use must be fitted with spark arresters. Mineralized fire barrier strips stretching in total for 729 km are created or being cut through along the borders of the forests, 1,673 fire safety banner stands are erected and updated, 32 stations with fire-fighting equipment are set up and operated.

# Indicators of an environmental impact

As a result of a comprehensive approach to solving environmental protection problems, "Surgutneftegas" PJSC has been leading the industry among enterprises with a minimum negative environmental impact.

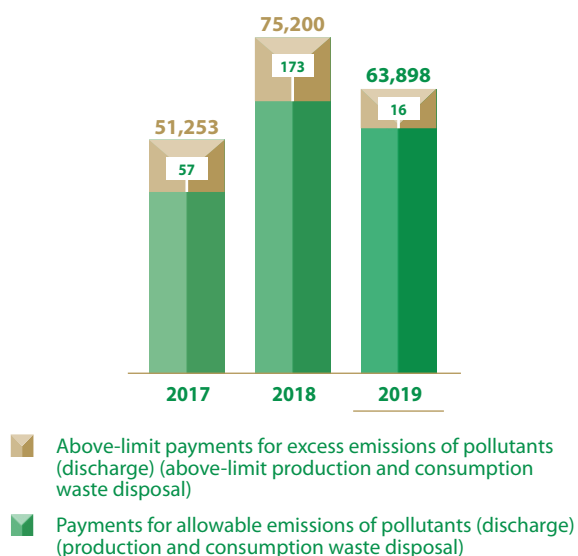
No.	Name of specific indicator	Unit	2016	2017	2018	2019
1	Oil production	'000 tonnes	61,848.7	60,544.9	60,886.2	60,757.5
2	Hydrocarbon production	'000 tonnes	71,575.72	70,472.46	70,490.52	68,427.97
3	Gross pollutant emissions into the atmosphere	'000 tonnes	185.1	176.7	139.5	126.8
4	Specific pollutant emissions into the atmosphere per unit of produced hydrocarbons	kt/t	2.59	2.51	1.98	1.85
5	APG utilization level	%	99.34	99.32	99.56	99.56
6	Waste generated	'000 tonnes	714.0	797.3	798.6	944.8
7	Waste utilized in in-house production	'000 tonnes	417.1	462.3	480.5	574.8
8	Waste decontaminated in in-house production	'000 tonnes	43.9	50.5	45.7	63.6
9	Transferred to external companies	'000 tonnes	181.7	176.7	164.1	183.5
10	Specific indicator of waste disposal per unit of produced hydrocarbons	t/t	0.003	0.003	0.003	0.004
11	Water consumption	'000 cub m	101,551.04	101,105.56	99,965.63	103,437.28
12	Specific water consumption per unit of produced hydrocarbons	cub m/t	1.426	1.418	1.408	1.512
13	Discharge of wastewater into surface water bodies	cub m	0	0	0	0
14	Total land area at the beginning of the year	ha	133,798	140,080	144,437	142,659
15	Total land area at the end of the year	ha	140,080	144,437	142,659	147,158
16	Disturbed land area at the beginning of the year	ha	13,742	10,700	10,373	10,287
17	Disturbed land area at the end of the year	ha	7,911	3,866	5,168	4,271
18	Polluted land area at the beginning of the year	ha	0	0	0	0
19	Polluted land area at the end of the year	ha	0	0	0	0

No.	Name of specific indicator	Unit	2016	2017	2018	2019
20	Amount of oil (oil products) spilled (remained) as a result of pipeline ruptures and accidents	kg	0	0	0	0
21	Number of oil, oil products and produced water spills	spills	9	5	2	1
22	Share of above-limit payments in the total amount of the negative environmental impact payments	RUB/RUB	0.000	0.001	0.002	0.000
23	Share of environmentally friendly fuel (high-octane gasoline Euro 4-5, diesel Euro 3-4-5, gas motor fuel) in the total amount of fuel used	%	94.24	93.99	94.09	94.05
24	BOILER AND FURNACE FUEL CONSUMPTION:					
	Fuel oil	tonnes	607	644	568	536
	Diesel fuel	tonnes	17,916	16,476	18,377	19,228
	Oil	tonnes	32,329	40,056	45,049	29,730
	Gas	'000 cub m	3,078,228	3,135,174	3,413,229	3,140,088
25	MOTOR FUEL CONSUMPTION:					
	Gasoline	liters	18,771,097	19,054,054	19,513,750	18,871,398
	Diesel fuel	liters	293,654,921	311,979,886	292,596,142	305,539,769
	Kerosene	liters	71,756	58,305	49,622	47,135
26	Vehicles total mileage	km	477,344,756	483,638,262	486,420,935	480,282,201
27	Volume of reduction of fuel and energy consumption	tonnes of equivalent fuel	183,608	184,161	102,376	93,797
28	Consumption of electrical energy from external sources for in-house needs	mn kWh	5,767	6,061	5,852	5,954
29	Electrical energy saving	mn kWh	1,493	1,497	812	743
30	Consumption of thermal energy from external sources for in-house needs	Gcal	150,871	147,987	154,009	144,644
31	Thermal energy saving	Gcal	14,045	14,240	17,399	17,211
32	Supply of electrical energy to external consumers	'000 kWh	565,565	552,531	552,322	578,547
33	including in-house generated (Eastern Siberia)	'000 kWh	181,476	172,862	167,840	190,893
34	Supply of thermal energy to external consumers	Gcal	29,877	23,615	27,782	25,183
35	including in-house generated	Gcal	29,541	23,366	27,550	25,034



In 2019, “Surgutneftegas” PJSC payments for the negative environmental impact amounted to RUB 63.9 million, including above-limit payments – RUB 16 thousand. Above-limit payments for excess air pollutant emissions were caused, among other things, by the use of backup power plants in order to maintain operation of health resorts of the health trust “Surgut” during unplanned power outages in Krasnodarsky Krai. Above-limit payments for disposal of consumption waste generated by Saint Petersburg Representative Office of the Company are due to lack of landfills in Leningradskaya Oblast included into state register of waste disposal facilities.

**Payments for the negative environmental impact, RUB thous.**



# In-house environmental monitoring

**Surgutneftegas puts special emphasis on assessment of natural environment components at the license blocks. The Company's effective system of long-term environmental monitoring aimed at observing natural phenomena allows us to timely detect and prevent negative changes arising from anthropogenic factors.**

Production environmental monitoring (PEM) is performed for the purpose of preventing a negative impact of business activities on the environment, compliance with environmental quality standards and provision of rational natural resources management and reproduction.

The main objective of PEM in the vicinity of pipeline crossings over the watercourses, well sites, waste disposal landfills, sludge storage

ponds, flares and other man-made facilities is to regularly monitor the environmental condition for timely identification of a specific impact of man-made facilities and development of measures for its mitigation or elimination.

The environmental condition is controlled across the areas of "Surgutneftegas" PJSC operations in accordance with the developed projects and programs for environmental monitoring: the observational network has been





operating at the Company's license blocks for many years. The area that has been monitored is about 150 thousand square kilometers. An extensive database that covers the status of the environmental components of the license blocks prior to the commencement of their commercial development (initial (background) contamination) and after the fields are put in production is supplemented annually during local environmental monitoring.

In 2019, the condition of environmental components was controlled at 136 license blocks of the Company at 4,629 control points, including:

- during assessment of the initial contamination and conducting local environmental monitoring of license blocks at 1,150 control points;
- during environmental monitoring of man-made facilities at 3,479 points.

"Surgutneftegas" PJSC has the license to operate in the sphere of hydrometeorology and related areas, including determination of the pollution level of ambient air, water and soil.

Testing is carried out in 11 accredited laboratories fitted with the best equipment. The Central Base Laboratory for Ecoanalytical and Technological Studies of the Engineering and Economic Implementation Center is

accredited for 145 measurement techniques; the production and research laboratory of OGPD "Talakanneft" – for 85 techniques. Physical and chemical testing laboratories of the R&D and production workshops of six oil and gas production divisions boast from 12 to 20 techniques. Apart from in-house laboratories, "Surgutneftegas" PJSC engages laboratories of independent third-party organizations for environmental monitoring and the results of their research are accepted by the regulatory bodies when exercising regulation and supervisory functions.

To assess the current environmental situation within license blocks, making inventories of disturbed lands, performance of landscape monitoring, development of projects on environmental monitoring and projects on reclamation, the Company practices remote monitoring by air patrolling, including the use of unmanned drones, large-scale aerial photography and ultra-high resolution space imagery. In 2019, geobotanical monitoring in the area of 248 sludge pits is performed based on expert interpretation of remote sensing data.

The results of production environmental monitoring have confirmed that environmental conditions at the license blocks of "Surgutneftegas" PJSC are favorable. The Company operates with a minimum environmental impact.

The indigenous  
people learn about  
oil production and  
environmental control





# Biodiversity conservation and support of specially protected natural reservations and other territories with a special mode of management

## BIODIVERSITY CONSERVATION

*“Surgutneftegas” PJSC assumes the immense responsibility for conservation of biodiversity to preserve the original state of nature at the territory of license blocks. With the advanced technological capability, the Company is minimizing the impact of the production operations on the environment to meet the highest environmental safety requirements.*

“Surgutneftegas” PJSC implements the biodiversity conservation program which is aimed at protection of lands, water bodies, reproduction of biological resources, monitoring of the environmental components, including study of biota, as well as monitoring of species – biodiversity indicators in the areas of “Surgutneftegas” PJSC operations.

To implement measures for the conservation of biodiversity in Khanty-Mansiysky Autonomous Okrug – Yugra, Tyumenskaya Oblast and the

Republic of Sakha (Yakutia) where the Company has the most of its production facilities, the lists of species – key biogeocenoses diversity indicators (vascular plants, mosses, lichens, birds, mammals) have been developed. This work was performed by the specialists of Lomonosov Moscow State University, the Tyumen Scientific Center of Siberian Branch of RAS and the Institute for Biological Problems and Cryolithozone of the Yakutsk Scientific Center of Siberian Branch of RAS. Biodiversity is being monitored in the areas where the Company performs most of its prospecting, exploration and production of hydrocarbons.

In July 2019, with the assistance of the Company, more than 39 million young and larval peled were released into water bodies in Khanty-Mansiysky Autonomous Okrug – Yugra, the Republic of Sakha (Yakutia), Irkutskaya Oblast in order to restore aquatic biological resources and maintain biodiversity. “Surgutneftegas” PJSC allocated about RUB 49.5 million for this purpose.



RUB 7.9 BILLION – IS THE AMOUNT OF INVESTMENTS  
IN THE BIODIVERSITY CONSERVATION PROGRAM IN 2019

In 2019, as part of forest restoration works, 800 thousand common pine saplings were planted over the area of 200 hectares. Expenditures on this part of the biodiversity conservation program accounted for RUB 45 million.

With the assistance of scientific organizations having a great research experience in the region, the Company performs biological monitoring in Numto nature park within the biodiversity conservation program in Khanty-Mansiysky Autonomous Okrug – Yugra. In Numto nature park the Company implements measures to minimize environmental risks when placing production facilities in the wetland ecosystems, to mitigate a negative impact of business activities on the hydrology of wetlands and implements preventive measures to avoid birds hazard. The Company provides regular monitoring of hydrological regimes of wetlands together with performance assessment of culverts. The results of research in the reporting year confirm the efficiency of environmental protection measures and the absence of negative impact on the sensitive ecosystem of Numto nature park.

July 2019 witnessed the completion of the sixth expedition of Yakut scientists across the areas of “Surgutneftegas” PJSC operations in the Republic of Sakha (Yakutia). Eight staff scientists from the Institute for Biological Problems and Cryolithozone of Siberian Branch of RAS visited the Severo-Talakansky, Alinsky and Vostochno-

Talakansky license blocks. The scientists performed monitoring of biological resources and cryolithozone together with assessing man-made impact on the environment by the oil and gas complex, tracking the changes of ecosystem for three years and predicting further changes. The received materials and recommendations were used during development of mitigating and compensatory environmental protection measures in project documentation.

Environmental and biological assessment of priority development territory and a spatial analysis of environmental risks are carried out when planning activities in especially valuable and sensitive areas. In 2019, the specialists from the Tyumen Scientific Center of Siberian Branch of RAS were engaged to perform this R&D works in the flood plain of the Irtysh River.

Ornithological studies at the Fedorovsky, Vostochno-Surgutsky and Vostochno-Elovy license blocks confirm the absence of essential disturbance factors for fish hawks, red-footed falcons and white-tailed eagles (rare birds found at the territory of the Company’s production facilities); and prove the measures on conservation of biodiversity in these areas to be successful.

The Company created the unique database in its geoinformation system which contains information on discovered habitat of rare and endangered biota representatives and which is updated as far as new research results appear.



Aquatic biological  
resources restore thanks  
to Surgutneftegas



Red Book birds  
are making nests at the  
Fedorovskoye field




## **SUPPORT OF SPECIALLY PROTECTED NATURAL RESERVATIONS AND OTHER TERRITORIES WITH A SPECIAL MODE OF MANAGEMENT**





*“Surgutneftegas” PJSC fulfills its obligations under license agreements for subsoil use and operates in the specially protected natural reservations (SPNR) and in the areas with a special mode of management based on the Ecology corporate program, which is aimed at preserving the original state of the areas of the Company’s operations and minimizing an environmental impact of oil production.*

While increasing its production output, the Company maintains the ecosystem stability and biodiversity, and the territories with oil production facilities receive additional socio-economic benefits with positive social effects as a result.

“Surgutneftegas” PJSC adheres to its Environmental policy which provides for compliance with the rules and customs adopted in the places of residence of the small-numbered indigenous peoples of the North and in traditional nature management areas. The Company ensures maximum preservation of primordial living environment, housekeeping activities and industries of the indigenous population.

To implement the basic principles of preserving the ethnos, the Company ensures the achievement of the following goals and the solution of the following tasks:

-  minimize the number and area of industrial sites and linear facilities through implementation of the best available technologies for exploration, production and transportation of oil and gas;
-  minimize a negative environmental impact, reducing emissions, effluents and waste, eliminating any man-made impact outside the areas designated for production facilities;
-  eliminate the vehicles and personnel presence and movement outside the boundaries of industrial sites and facilities designated for this purpose without proper authorization;

-  arrange field operations to survey areas of proposed location of industrial sites for the presence of ethno-archeological and ethnographic objects, and if any, transfer production facilities outside the area, subject to technological capabilities;
-  ensure subsequent restoration of original natural functions of ecosystems, including resource capacities that preserve the traditional way of life and industries of the small-numbered indigenous peoples of the North, through detailed survey of the areas of proposed location of industrial sites and consideration of ecosystem features at the design stage;
-  limit unauthorized access to traditional nature management areas and SPNR;
-  supervise observance of the code of conduct by employees working within boundaries of SPNR.

In 2019, “Surgutneftegas” PJSC in agreement with Budgetary Institution Numto nature park in KhMAO–Yugra transferred funds for the arrangement of field monitoring in the nature park, aviation transportation services, purchase and installation of the Internet access equipment in visitor center in Numto village. Grand total of financing under the agreement exceeded RUB 27 million.

As part of comprehensive support of scientific activities in the territory of SPNR, the Company contributes to frost effect studies in Numto park. The frost effects monitoring program was jointly developed by specialists of “Surgutneftegas” PJSC and Budgetary Institution Numto nature park in KhMAO–Yugra. In 2019, with organizational support of the Company, specialists of the Earth Cryosphere Institute of Siberian Branch of RAS and Industrial University of Tyumen drilled thermometric wells, installed temperature sensors and automatic stations to monitor air temperature and snow cover. The results of frost effects monitoring will help determine the thermal state of frozen soils in natural conditions, the tendency of its change and make cryolithozone state forecasts.



A LARGE-SCALE RESEARCH NETWORK OF FROST EFFECT STUDIES IS PLANNED TO BE ESTABLISHED IN NUMTO PARK WHICH WILL BE INTEGRATED INTO GLOBAL PROGRAM TO MONITOR CHANGES IN CONTINUOUS PERMAFROST ZONE

In 2019, we continued monitoring of the environmental components and exercising of industrial environmental control of the Company's facilities within the cultural heritage site of local significance, the sightseeing attraction Sacred Lake Imlor and adjacent territories. The results of the inspection confirmed that the environment of the territory is not disturbed. All field pipelines within Lake Imlor have an internal anti-corrosion coating.

The Company successfully implements a range of measures with a view to ensure water resources and ambient air protection and prevent the territory from becoming polluted with production and consumption wastes as well as oil spills. We conduct the environmental monitoring of the territory.

The measures taken allow "Surgutneftegas" PJSC to ensure trouble-free operations, lower the risk of accidents and incidents and, as a result, preserve the habitat of game animals and areas of wild-growing herbs gathering which are the basis of the traditional way of life of the indigenous population.

There are checkpoints along the Company field roads in order to protect the facilities

of the fuel and energy complex and to limit unauthorized access to places of traditional residence of the indigenous people. Working in places of residence of the small-numbered indigenous peoples of the North, the personnel of "Surgutneftegas" PJSC adheres to the following principles:

- understanding and respect for the traditions, customs and rituals forming a major part of the culture of the indigenous people;
- taking into account the partnership experience and continuous improvement of the system of relations with the small-numbered indigenous peoples of the North;
- immediate reporting to the Indigenous Peoples Affairs Department of Land Use Division, Environmental Safety and Management Division of "Surgutneftegas" PJSC in the event of misunderstanding, threat of conflict or violation of the established requirements;
- conflict resolution and misunderstanding clearing up through discussion and negotiation;
- impermissibility of conflicts between the employees of the Company and the indigenous people;
- ensuring privacy of the small-numbered indigenous peoples of the North;
- adherence to environmental standards and requirements.

Permafrost  
of Numto nature park  
is under control



# Interaction with the small-numbered indigenous peoples of the North

**“Surgutneftegas” PJSC is engaged in an active dialog with the representatives of the small-numbered indigenous peoples of the North who are engaged in deer herding and other traditional industries that are passed down for generations.**

Based on public discussions of the Company’s operation plans, Surgutneftegas coordinates with the indigenous people the placement of production facilities in traditional nature management areas and habitats of the small-numbered indigenous peoples of the North, meets the most stringent requirements of geological exploration and construction of field facilities, located in specially protected natural reservations. “Surgutneftegas” PJSC fully implements the agreements with the regional authorities and municipalities within the regions of its presence, invests in significant facilities construction, contributes financially

to social and economic projects on sustainable development of territories, education, sport and culture support, improvement of living standards of the indigenous population.

Cultural awareness, informational transparency, financial self-sufficiency and willingness to work on a constant basis, conflict avoidance thanks to trust relationships and commitment to compromise contribute to effective social efforts of the Company. Surgutneftegas offers effective solutions to the essential issues of protection of rights of the small-numbered indigenous peoples of the North and preservation of their primordial



living environment, national culture, traditional industries and crafts.

Contracts on subsoil use of land plots within the boundaries of traditional nature management areas, aimed at solving social problems of the local population are concluded with the holders of traditional nature management rights.

When pursuing its business activities at the license blocks which overlap territories inhabited by the Khanty, Mansi, Nenets and other peoples, "Surgutneftegas" PJSC aims at improved production reliability with environmental safety and scientifically proved innovative technologies reducing environmental impact being the top priority. The Company makes every effort to preserve the historically developed area of living of the small-numbered indigenous peoples of the North, ensuring the inviolability of the property of families of indigenous people as well as places of the worship and shrines.

Measures are taken to ensure safe traffic at the intersection of road traffic routes with deer paths and roads of the indigenous population by sign posting, building safe crossings and driveways and their timely clearing; clearing dirt roads and driveways from fallen trees used by the small-numbered indigenous peoples of the North.

The unauthorized access to traditional nature management areas and SPNR is limited. In accordance with the current

special treatment regulations, hunting, fishing and gathering of wild-growing herbs are prohibited for the Company employees working in such territories. Conveyance of firearms, fishing equipment, dogs and other animals is prohibited. Explosives and hazardous chemicals, as well as alcohol beverages are strictly prohibited.

The services supporting the small-numbered indigenous peoples of the North, established in the business units of "Surgutneftegas" PJSC and the Company's headquarters, cooperate with the indigenous people. The Company provides the indigenous population with health services including dental services, communication services, transportation including helicopter services, prize fund to celebrate their national holidays, as well as materials and equipment (power plants, chainsaws, snowmobiles, motorboats, boat motors, etc.). Taking into account challenging living conditions and the lack of permanent road infrastructure, the Company supplies Numto village with firewood and construction materials.

Every year, "Surgutneftegas" PJSC contributes to arranging the Competition of Herders Professional Skills for the Cup of the Governor of Yugra in the city of Khanty-Mansiysk by providing assistance in transportation of the competitors, deers, fodder, deer teams and other necessary cargoes from remote inaccessible territories.

The indigenous  
people gather to discuss  
the future of Numto





# R&D activities in the field of environmental protection

**The Company cooperates with different scientific organizations many of which are incorporated into the Russian Academy of Sciences and performs in-house scientific research based on analysis findings obtained as a result of many years of environmental monitoring.**

When developing the tactics and strategy of its environmental activity, the Company applies the results of the research to make management decisions aimed at minimizing a negative environmental impact of oil production facilities.

To receive an independent professional assessment of the environmental conditions in the area of its production operations, development of the new and the most effective technologies which facilitate minimization of an environmental impact, "Surgutneftegas" PJSC throughout many years cooperates with scientific organizations.

In the reporting year, scientists from the Institute for Biological Problems and Cryolithozone of the Yakutsk Scientific Center of Siberian Branch of RAS continued monitoring biological resources in the areas of the Company's operations in the Republic of Sakha (Yakutia). Scientists from the Tyumen Scientific Center of Siberian Branch of RAS made environmental and biological assessment of the areas in the vicinity of facilities under design at the Company's license blocks in the south of Tyumenskaya Oblast.

At the fields operated by the Company in Yugra for a long time, scientists from Surgut State University inspected fish hawk habitat and other ornithologic fauna listed in the Red Book of the Russian Federation and Khanty-Mansiysky Autonomous Okrug – Yugra. The inspection showed increased number of the fish hawks in close proximity to the oilfield production sites. The research contributed to the development of recommended practice to protect the habitat and expand the natural area of rare bird species.

With the help of specialists from Lomonosov Moscow State University, V.V.Dokuchaev Soil Science Institute of the Russian Academy of Agricultural Sciences and Yugansky Nature Reserve, the Company has been performing biological monitoring at its license blocks in Numto nature park for the eighth year running. In 2019, the Company again confirmed the absence of hazard not only to the habitat of flora and fauna species but also to ecosystems in general in the areas of its operations at specially protected natural reservations.



Yakut scientists  
inform about biomonitoring  
of the license blocks  
at the Lensky nomad camp



The scientists share  
biomonitoring findings  
from the northern slope  
of the Siberian Ridges

# Industrial environmental control

**The Company employs a system of two-level vertically integrated industrial environmental control (IEC) which is supervised by First Deputy Director General of “Surgutneftegas” PJSC, the Chairperson of the Company’s Ecological Council.**

The Company oversees compliance of the inspected facilities with the environmental legislation, ecological safety standards and in-house standards as well as adherence to waste management regulations, ecological, sanitary-epidemiological rules and guidelines of waste management provided by its internal documents, instructions of waste management and draft regulations on waste generation and limits on waste disposal.

The Company performs scheduled and unscheduled action tracking inspections

without preliminary notification of the persons to be inspected. Following the outcome of inspections, the Company makes out proposals on required actions and works and their deadlines and issues reports on sample collection and ecoanalytical control results. The Company constantly monitors fulfillment of the instructions and corrective actions based on progress reports of Surgutneftegas data processing service and “Environmental protection measures – IEC Record” web-module EcoGIS.



## THE RESULTS OF INDUSTRIAL ENVIRONMENTAL CONTROL

Level of control	2017			2018			2019		
	Number of inspections	Number of inspected facilities	Number of comments	Number of inspections	Number of inspected facilities	Number of comments	Number of inspections	Number of inspected facilities	Number of comments
Level I control	276	1,768	2,023	380	2,197	2,435	403	2,815	2,994
Level II control	44	590	512	197	928	1,461	106	504	502

IEC results are accounted, analyzed and summarized to be further used to adopt effective managerial decisions. Every month, the results of the comments analysis are announced at the council of the business units heads chaired by Director General, at the meetings on the issues of compliance with the environmental legislation and the meetings of the Ecological Council, which is striving to mitigate the environmental impact of technological processes, the environmental risks and provide rational use of natural resources.

A great number of information boards with contact information of the responsible departments can be found at every field of Surgutneftegas. "Surgutneftegas" PJSC collects feedbacks from the public and public organizations via its official website ([www.surgutneftegas.ru](http://www.surgutneftegas.ru), section "Ecology", "Public information"). No complaints concerning environmental violations, underperformance and failings of the Company's business units and employees were received in 2019.



Request form



# The “green office” principles

The Company implements the “green office” principles to reduce consumption of natural resources, electric power and wastes. “Surgutneftegas” PJSC maintains ecostandards in all administrative buildings which help cut costs on upkeep of office premises.

The Company adheres to the following “green office” principles:

- usage of modern energy-saving lamps and spotlights in indoor and outdoor lighting systems;
- usage of electronic ballasts in fluorescent spotlights;
- usage of programming units and motion sensors in indoor lighting systems and daylight sensors and automatic switches in the outdoor lighting;
- optimization of operating mode of electrical equipment and heat consumption of buildings;
- replacement of air conditioners with multi systems;
- implementation of energy efficient pumping modules and ventilators;
- usage of power filters at workplaces to switch off simultaneously several units of equipment after completing work;
- implementation of metering devices, water flow and heat consumption regulators.

“Surgutneftegas” PJSC utilizes the electronic document flow system. Default double-sided black-and-white printing is set automatically for all printers of the Company offices. This helps significantly reduce the amount of the consumed paper.

Waste paper, packing board and other wastes related to the stationery are collected to be further processed by the in-house shredding and pressing unit. This recyclables are valuable material which is transferred to specialized enterprises for its further use.

# Environmental education and professional training of employees

**The priority is given to the professional training, namely, the environmental education of the Company's employees which is important in mitigating risks resulting from the lack of their competence.**

Avoidance of accidents and defects, high-quality work, excellent performance indicators in the field of environmental safety of the Company's facilities are on the list of criteria for selecting winners of economic competitions held among drilling crews, teams of oil and gas production shops as well as between well servicing and workover crews.

Every year, together with other Surgutneftegas employees, the environmental specialists tasked with overseeing the compliance with all environmental requirements and regulations, participate in the competition of professional skills for the title "Best-in-Profession", and young scientists and professionals take part in scientific and technical conference of "Surgutneftegas" PJSC.

The Company continues its work to upgrade the skills of personnel in the field of environmental protection and environmental safety aimed at implementation of the Environmental policy of "Surgutneftegas" PJSC, namely, the training of specialists in ambient air protection. As many as 54 employees successfully attended the course of Provision of environmental safety by managers and specialists of the environmental departments and environmental control systems, including 52 employees trained at the premises of the Polytechnic Training Center (PTC) of "Surgutneftegas" PJSC.

To ensure regular professional training of its employees in waste management of hazard

classes I-IV, there are professional training courses developed by "Surgutneftegas" PJSC for its managers and specialists responsible for decisions on business activities and other issues as well as workers admitted to manage wastes. In 2019, 497 employees of the Company improved their skills in the abovementioned area with 486 employees trained at the premises of the Polytechnic Training Center.

The corporate environmental culture and understanding of importance of the environmental protection is a must at all spheres of production process, therefore the Company raises environmental awareness among its employees and contractors. The Company holds the induction meeting with the personnel prior to each shift, and in the territories with a special mode of business activities, including Numto nature park, the employees are obliged to study special memos and animated films containing the basic principles of the Company's Environmental policy, code of conduct in specially protected natural reservations and interaction with the small-numbered indigenous peoples of the North.

Surgutneftegas employees and its contractors adhere to compliance with the environmental legislation, the principles of environmental friendliness and careful treatment of natural resources, as well as strive to develop their competence and improve the efficiency and quality of work.

# Cooperation with public organizations and the mass media

**“Surgutneftegas” PJSC is open for a dialog with every party committed to sustainable development and rational use of natural resources. The Company constantly cooperates with the public organizations. Up-to-date information on the Company’s environmental activity is available to the public in the mass media.**

The public representatives and ordinary citizens (mainly indigenous people of Khanty-Mansiysky Autonomous Okrug – Yugra) actively participate in public discussions of project documentation on assessment of the environmental impact of the expected business activities initiated by Surgutneftegas. Given the remoteness and inaccessibility of Numto national village and nomad camps located in Numto nature park, the Company arranges a helicopter round trip flight to the city of

Beloyarsky for the indigenous people willing to participate in the public discussions of the Company’s projects.

In order to get proposals and initiatives, and most importantly, to obtain an independent evaluation of environmental aspects of production operations, the Company regularly interacts with national, regional and local public organizations. In particular, a seminar on biodiversity of birds in Numto nature park was held in March of





the reporting year. This event was attended by the Company employees and indigenous people from Numto village and nomad camps, representatives of the National community of the small-numbered indigenous peoples of Khanty-Mansiysky Autonomous Okrug – Yugra “Muvenglor”, inspectors from Budgetary Institution Numto nature park in KhMAO-Yugra. The seminar was hosted by E.G.Strelnikov, an honored ecologist and director of Yugansky State Nature Reserve.

The Company regularly invites the representatives of the public and mass media to participate in environmental protection events which garner not only local, but also regional and federal media coverage.

In June, “Surgutneftegas” PJSC was invited by the Department for Environmental, Wildlife and Forestry Affairs Control of Khanty-Mansiysky Autonomous Okrug – Yugra to participate in the XVII International Ecological Campaign “Save and Preserve”. More than 20 journalists of the federal and regional mass media, students of Yugorsk State University and representatives from regional supervisory bodies visited the Company’s facilities. The tour included a plant for application of an internal anti-corrosion polymer coating on pipes and fittings, paper and plastic waste recycling complex of Surgutneftepromkhim and tire recycling unit of Surgutneftedorstroyremont.

In summer, editorial staff of the mass media took part in the press tours on comprehensive oil spill response training exercises at the Company’s fields in Western Siberia and Eastern Siberia, prepared reports on scientific works in Numto nature park and at Surgutneftegas license blocks in the Republic of Sakha (Yakutia), got familiar with the activity of the federal experts on civic society and human rights who visited Surgutsky District, with much attention paid to the rights of the small-numbered indigenous peoples of the North.

In October, the journalists from Yugra prepared the reports on the nest sites of fish hawks at the Fedorovskoye field and on installation of special sensors to measure the permafrost temperature in the nature park. In November, they prepared the reports on deer chipping at the remote nomad camps of Numto park and participation of the Company in the board meeting of the small-numbered indigenous peoples of the North supervised by the head of the district state administration of Beloyarsky District.

Informational transparency of nature management and environmental safety of production, implementation of joint social and economic projects contributes to preservation of the favorable environment in all regions of the Company’s operations.



As part of International Ecological Campaign “Save and Preserve”, Surgutneftegas arranged a press tour at its production facilities

