



TaGRAS
oilfield services
company



ABOUT US

TAGRAS is a diversified Russian holding that incorporates enterprises with a half-century history in oil and gas field service market. We are proud of our experienced and competent specialists, modern manufacturing facilities, innovative equipment and digital products.

TAGRAS is a technology leader in oil and gas services market in Russia. We systematically enhance the capabilities of our production potential, increasing the use of advanced high-tech equipment, digital solutions and innovative technologies.

OUR MISSION:

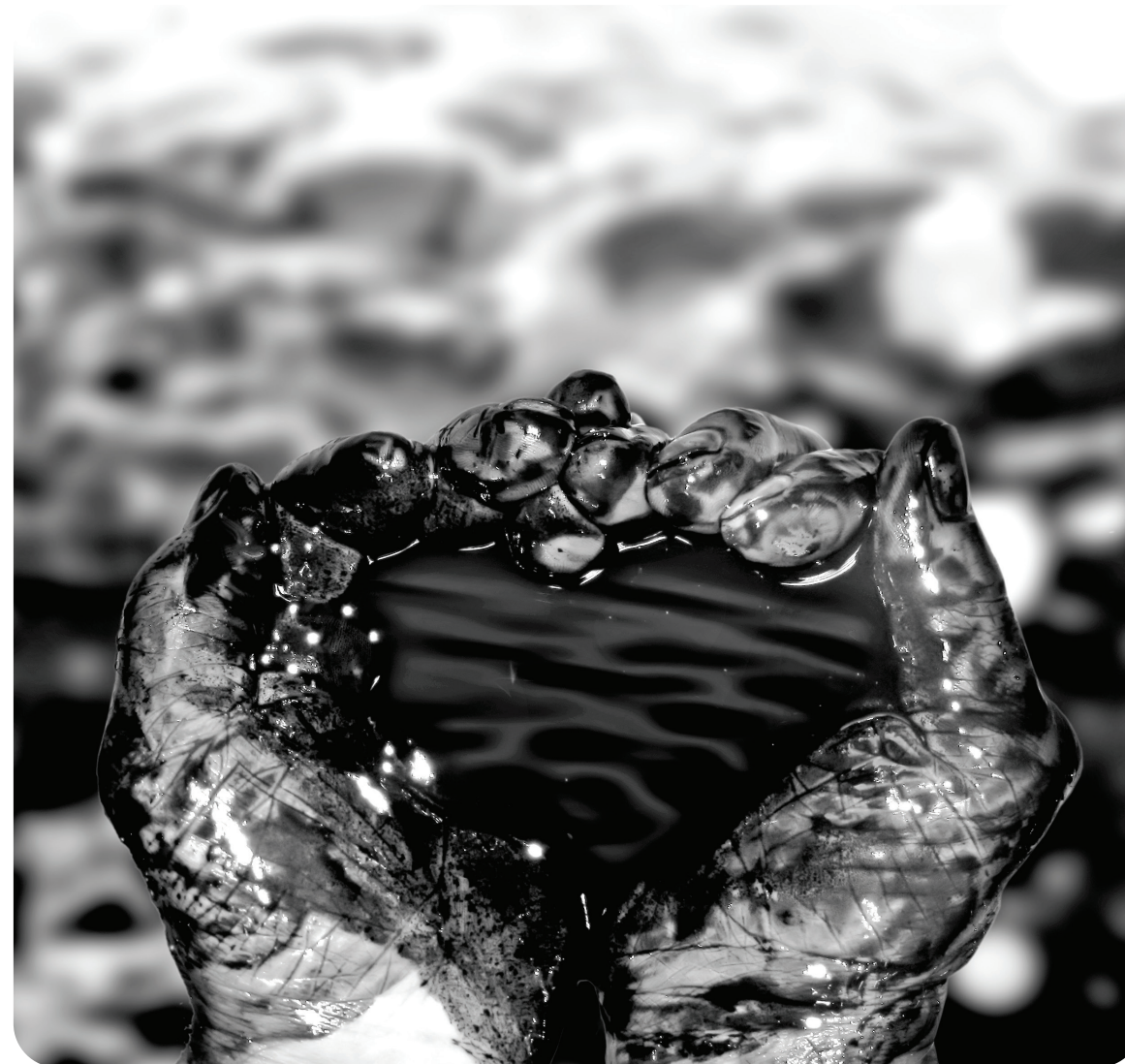
At the interface of technology and experience, we find efficient solutions in providing a full package of services for the oil and gas industry.

OUR VALUES:

- Team
- Responsibility
- Safety
- Innovation
- Efficiency

OUR PRINCIPLES:

- We never violate the law and rules and stop the others from doing it
- We study customer needs and offer the best solutions
- We protect our company, country and planet resources
- We welcome new ideas and efforts
- We are goal-oriented company

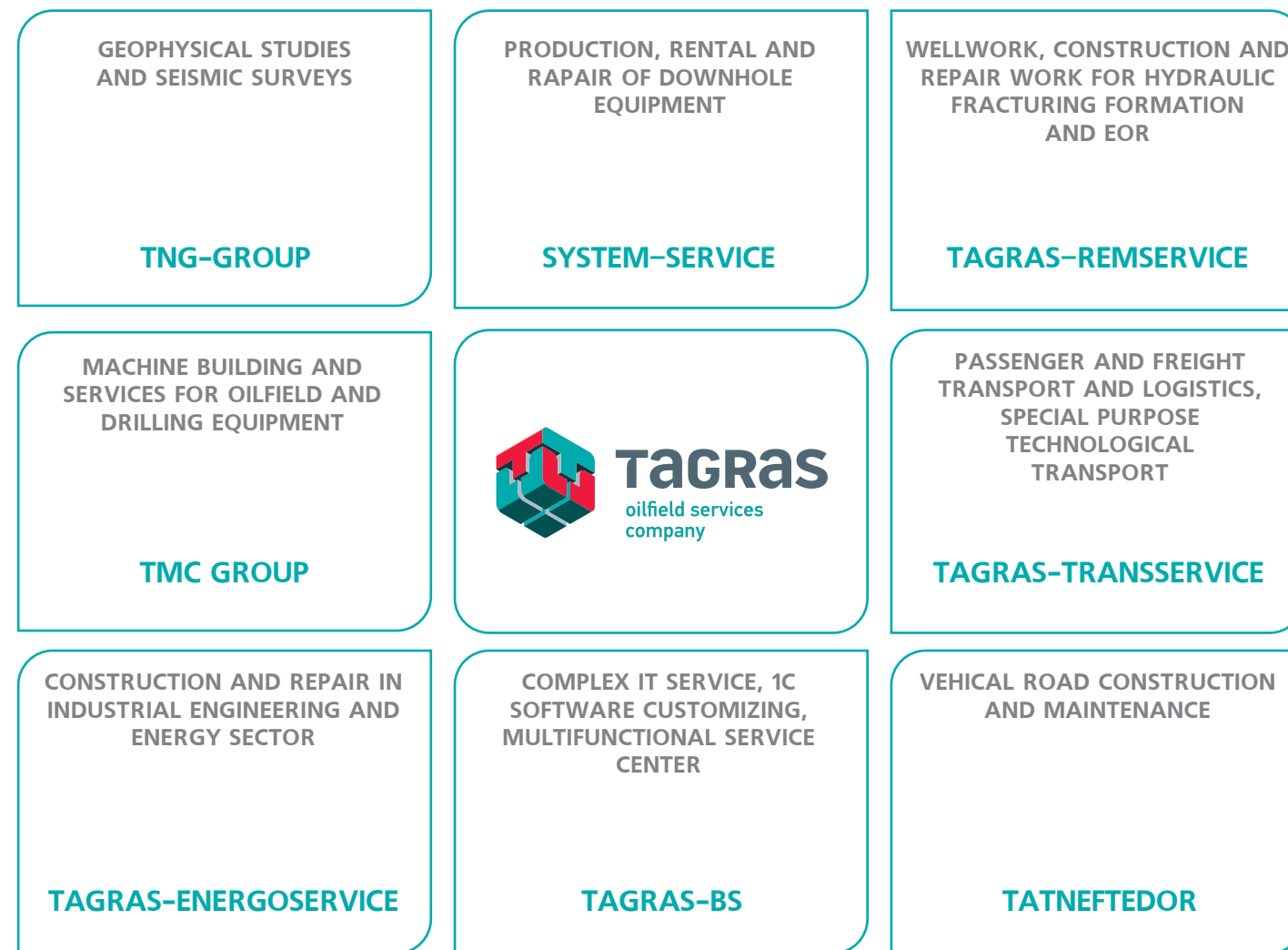


MAIN ACTIVITIES:

- Oil exploration using modern onshore and offshore seismic exploration methods. Field geophysics and geoinformation systems; Interpretation of data acquired during seismic and well logging operations; manufacture and development of innovative geophysical tools and equipment
- Hydraulic fracturing
- Drilling of directional and horizontal oil & gas wells, of various categories of difficulty. Technological operations for sidetracking and horizontal sidetracking
- A wide range of high-tech integrated well construction services: drill bit services, cement slurry services, geosteering wellbore drilling support, drilling supervising, drilling problems elimination using expandable casing
- Workover and well servicing
- Oil production equipment rent, repair and maintenance (surface and downhole), manufacture and maintenance of drilling and well servicing equipment
- Manufacture of pumping units of various load capacities
- Manufacture of anti-corrosion and heat-insulated pipes and fittings for oil and gas pipelines, heat supply systems (external, internal anti-corrosion coatings of pipes and fittings)
- Maintenance of electric submersible pumping units, reservoir pressure maintenance system, production of submersible cable for electric submersible pumping units
- Manufacture of well construction equipment: PDC bits, expandable casing, equipment for sidetracking

- Electricity and heat supply to oil recovery facilities; maintenance of electric power facilities
- Oil and gas fields development, construction of oil and product pipelines, field infrastructure facilities
- Specialized transport services
- Provision of cargo and passenger transportation, including on tilt-covered trucks along entire Russia. Crew change transportation including on all-terrain vehicles
- Motor ways construction, reconstruction, repair and maintenance, access roads construction for oilfield facilities; wellsite engineering
- Comprehensive accounting outsourcing
- Staff payroll outsourcing
- HR records keeping and management
- IT-support
- 1C software support
- Building and supporting integrated information security system for an enterprise or a group of companies
- Industrial automation
- Case management and business trips support in Russia and around the world

TOTAL NUMBER OF HOLDING EMPLOYEES: 26 770



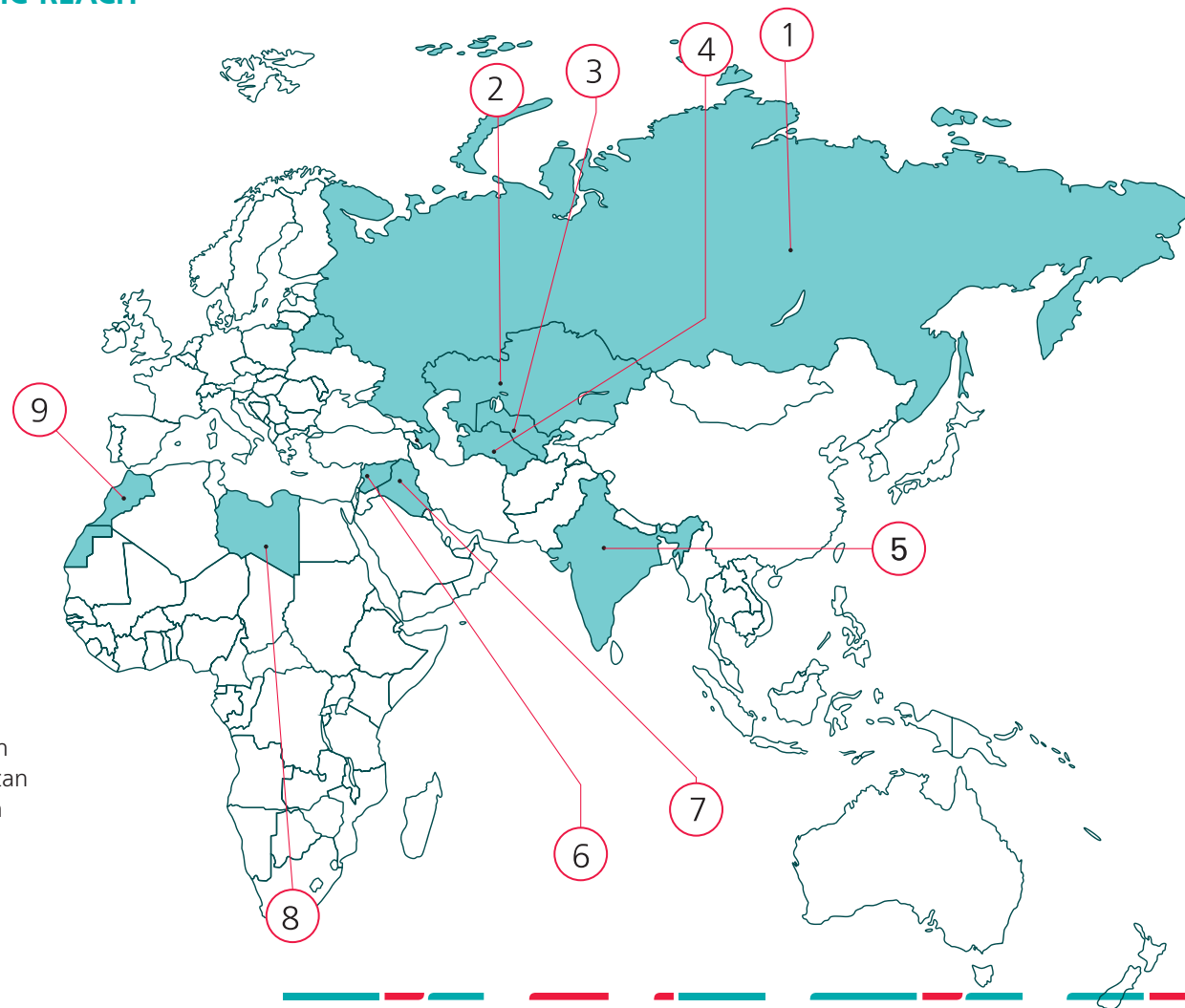
OUR PARTNERS:



Number of Customers **1500**



GEOGRAPHIC REACH



- 1 – Russia
- 2 – Kazakhstan
- 3 – Turkmenistan
- 4 – Uzbekistan
- 5 – India
- 6 – Syria
- 7 – Iraq
- 8 – Libya
- 9 – Morocco

GEOPHYSICAL STUDIES AND SEISMIC SURVEYS

TNG-GROUP division specializes in seismic survey services, including sea areas; geophysical support and construction of exploration, prospecting and production wells; secondary formation exposing.

TNG-GROUP effectively processes and interprets seismic data, solves problems in the field of vertical seismic profiling.

Number of employees: **6 589**

MAIN ACTIVITIES:

- Prospecting and exploration of oil and gas fields, nonmetalliferous minerals applying onshore 2D, 3D, 3D-3C, 4D data acquisition, offshore and TZ seismic data acquisition, electric prospecting, gravity prospecting, magnetic prospecting, aerospace decoding
- Geophysical support of well drilling and workover, oil and gas fields development control by geophysical well logging methods
- Geosteering support during well drilling operations, IT-support
- Borehole seismic surveys by VSP, offset VSP, polarization method VSP
- Processing and interpretation of geophysical data
- Development and implementation of geophysical exploration methods and software



TECHNICAL CAPABILITIES:

- 23 seismic prospecting crews
- 150 well Logging crews
- 50 mud Logging crews
- 20 geo-steering crews
- 5 VSP\offset VSP crews
- Computer service with more than 200 workplaces and hard disk capacity up to 1 200 TB

AVERAGE ANNUAL INDICATORS:

■ Seismic data acquisition (2D)	5 758 line km
■ Seismic data acquisition (3D)	8 925 sq.km
■ Well logging	44 980 jobs
■ Processing and interpretation of seismic data (2D)	9 461 line km
■ Processing and interpretation of seismic data (3D)	6 724 sq.km

The winner of the national rating of oilfield services companies (target Russian market)

Oilfield geophysics
2021 г.

Seismic exploration
2022 г.

DRILLING, WORKOVER AND OIL RECOVERY IMPROVEMENT SERVICES

TAGRAS-REMSERVICE division focuses on integrated downhole services, inflow stimulation and oil recovery improvement.

TagraS-RemService is the leader in the field of technological operations on hydraulic fracturing and coiled tubing application while workover, in the Volga region.

Number of employees: **3686**

MAIN ACTIVITIES:

- Drilling, sidetracking, slim well construction
- Hydraulic fracturing, acid fracturing
- Coiled tubing technology, wireline-container technologies
- Reconditioning and workover of well, well completion
- Drilling mud preparation and services
- Cementing services

The winner of the national rating of oilfield services companies (target Russian market)

Sidetracking
2021 г.

Hydraulic fracturing
2022 г.



TECHNICAL CAPABILITIES:

■ Frac fleets	10 fleets
■ Drilling crews	21 crews
■ Workover and well completion crews	10 crews
■ Coiled tubing fleets	7 fleets
■ Wireline-container crews	20 crews
■ Cementing fleets	3 fleets
■ Mud mixing units	8 mud
■ Special vehicles	330

AVERAGE ANNUAL INDICATORS:

■ Construction of traditional vertical and horizontal wells	50 wells
■ Construction of slim wells	130 wells
■ Drilling of lateral and horizontal sections (sidetracking and horizontal sidetracking)	70 wells
■ Hydraulic fracturing services	2 200 operations
■ Coiled tubing units services	1 100 wells
■ Wireline-container technology services	3 000 operations
■ Wells completion, well servicing and workover	200 wells

MECHANICAL ENGINEERING, OILFIELD AND DRILLING EQUIPMENT SERVICE

TMC GROUP is an engineering division, which provides a full range of services for manufacture and maintenance of oilfield and drilling equipment, as well as anti-corrosion and heat-insulated pipe products. The company provides a full range of equipment repair and maintenance services.

Number of employees: **3 014**

MAIN ACTIVITIES:

- Oilfield and drilling equipment manufacture, metal framework manufacture, produced according to customer requirements (pumping units, oil well pumps with a smart control station, wellhead and stop valves, downhole filters, packers)
- Manufacture of casing and tubing with premium threads
- Manufacture of couplings for casing and tubing
- Manufacture of anti-corrosion and heat-insulated pipes and fittings for oil and gas pipelines, product pipelines and heat supply systems (external, internal anti-corrosion coatings of pipes and fittings)
- Maintenance and repair of oilfield, drilling and downhole pumping equipment
- Diagnostics and overhaul of drill pipes
- Design and construction of technological lines for diagnostics and repair of tubing and drill pipes, pump rods, equipment manufacture



TECHNICAL CAPABILITIES:

- Lines for external pipes insulation
- Lines for thermal pipes insulation
- Lines for internal coating of pipes
- Line for fittings isolation
- Lines for tubing and casing manufacturing
- Coupling manufacturing units, with modern turning shops and CNC units
- Workshops for oilfield and drilling equipment production and repair

AVERAGE ANNUAL INDICATORS:

- More than **1500 km** of anti-corrosion and heat-insulated pipes manufactured
- Oilfield and drilling equipment manufacture - more than **10,000 pcs**
- Oilfield and drilling equipment repair - more than **20,000 pcs**
- Tubulars- more than **30,000 pcs**

PRODUCTION, RENTAL AND RAPAIR OF DOWNHOLE EQUIPMENT

SYSTEM-SERVICE division is a modern,high-tech,diversified service company that manufactures submersible electric centrifugal units,as well as provides rental and repair service of oil submersible equipment,reservoir pressure maintenance system equipment and well construction.

Number of employees: **1567**

MAIN ACTIVITIES:

- Manufacture and repair of oil submersible equipment, hydraulic downhole motors, and general mechanical rubber goods and cabling and wiring products
- Field service of electric submersible pump units, high-pressure pump units (Central Pump Station type), horizontal pump units and positive displacement pumps for reservoir pressure maintenance system
- Drill bit service and hydraulic downhole motors rental service for well construction; sidetracking and isolation of trouble zones by expandable casing



TECHNICAL CAPABILITIES:

■ Installations of submersible electric centrifugal and progressive cavity pump	8 406 pcs
■ Pumping units of reservoir-pressure maintenance system	594 pcs
■ Hydraulic downhole motors	255 pcs
■ Oil submersible cable armor lines	7 sets

AVERAGE ANNUAL INDICATORS :

■ Maintained electrical submersible pump units	7 818 wells
■ Maintained pumping RPM units (reservoir pressure maintenance)	529 units
■ Manufacture and repair of electro submersible equipment (electric centrifugal pumps, submersible electric motors, hydroprotection)	15 944 pcs
■ Drill bit service	543 km of drilling
■ Installation of local well casing system to provide loss control	4 664 m
■ Production of oil submersible cable	6 051 km

PASSENGER AND FREIGHT TRANSPORT AND LOGISTICS, SPECIAL PURPOSE TECHNOLOGICAL TRANSPORT

TAGRAS-TRANSSERVICE division is one of the major core companies in the market of passenger and freight transportation service in the Republic of Tatarstan. The company has a dominant position in the market due to a number of competitive strengths:

- Diversified vehicle fleet
- Well-established system of interaction between the Management company and subsidiaries
- Reliability and high quality of transport services
- Unique and complex approach, safety and efficiency for customers

Number of employees: **3 686**

MAIN ACTIVITIES:

- Logistics schemes for passengers and cargo transportation
- Rotational transportation (local and intercity), including all-terrain vehicles
- Passenger transport services
- Long-distance transportation service of cargoes in Euro Trailers
- Cargo transportation services for oil, construction and agro-industrial companies
- Services for petroleum products transportation
- Large-capacity cargo transportation service, loading and unloading service
- Equipment transportation service at a fixed price



TECHNICAL CAPABILITIES:

- Passenger transport
- Buses, minibuses
- Freight transport
- Cargo-passenger transport, vans
- Large-tonnage transport
- Tilt-covered transport
- Special vehicles
- Tanks
- Oil-carriers

AVERAGE ANNUAL INDICATORS:

■ Number of vehicles	2800 pcs.
■ Production program	7500 vehicles/ hrs.
■ Total vehicle mileage	over 150 million km
■ Average age of equipment	about 6 years
■ Customer base	more than 700 customers
■ Park use ratio	0,7
■ Transport security systems and satellite navigation	100%

CONSTRUCTION AND REPAIR WORK IN INDUSTRIAL CONSTRUCTION AND ENERGY SECTOR

TAGRAS-ENERGOSERVICE division specializes in construction and repair of oil, gas, energy and industrial facilities; transport and civil infrastructure.

Number of employees: **1243**

MAIN ACTIVITIES:

- Maintenance of external electrical networks and systems, electrical substation fixtures with voltage class 6(10), 35, 110, 220 kV
- Power lines construction 0.4-110 kV
- Maintenance of heat-generating power plants
- Hot water and thermal energy supply of citizenry, industrial companies and budget institutions
- Technical diagnostics of electrical equipment, adjustment and setting of power-system protection substations
- Commercial security review of technical objects, buildings and structures
- Construction of oil and gas sector facilities: pipelines, and other large industrial facilities for various purposes
- Maintenance and repair of electric motors, power transformers
- Manufacture of reinforced concrete structures, electrical and thermal power units (unit transformer substation, high voltage linear unit, boiler facilities)
- Manufacture of metal structures for building and industrial purposes according to customer requirements and technical specifications



TECHNICAL CAPABILITIES:

- Workshops for electrotechnical and thermal power units manufacture and repair (unit transformer substation, high voltage linear unit, boiler facilities)
- Workshop for metal structures manufacture
- Precast concrete products plant
- Electrochemical and metrological laboratories
- Mobile electrical laboratory for high-voltage testing

AVERAGE ANNUAL INDICATORS:

■ Construction of pipelines	160 km
■ Construction and reconstruction of substations 110/35/6(10)	12 units
■ Construction of high voltage line 6 (10) kV	80 km
■ Packaged transformer substation, management system	262 units
■ Current repair and maintenance of heat and power equipment	1 580 units
■ Sale of thermal energy	177 000 Gcal

ROAD CONSTRUCTION AND MAINTENANCE

TATNEFTEDOR division specializes on motor roads construction and reconstruction, its maintenance and repair. Vehicle Park and qualified well-trained employees that allow performing the entire range of works, from preliminary to final activities, quickly and efficiently.

The road division has a modern QC laboratory for asphaltic concrete mixtures selection using the following standards: Volumetric-functional design system (Std. American Standard), Marshall Method (European Standard), as well as Russian Standards.

Number of employees: **964**

MAIN ACTIVITIES:

- Maintenance of roads
- Repair of roads
- Construction of roads
- Own production selling: bitumen-concrete mix; mineral powder; bitumen emulsion



TECHNICAL CAPABILITIES:

- Batching and mixing plant
- Crushing and screening units
- Railroad docks with unloading racks
- Technological line for activated mineral powder preparation
- Bitumen-emulsion plant
- Specialized road equipment fleet

AVERAGE ANNUAL INDICATORS:

■ Length of road maintenance	3 453 km
■ Major roads repairs	142 km
■ Construction of roads	22 km
■ Production of bitumen-concrete mix	310 000 tons

MULTIFUNCTIONAL SERVICE CENTER

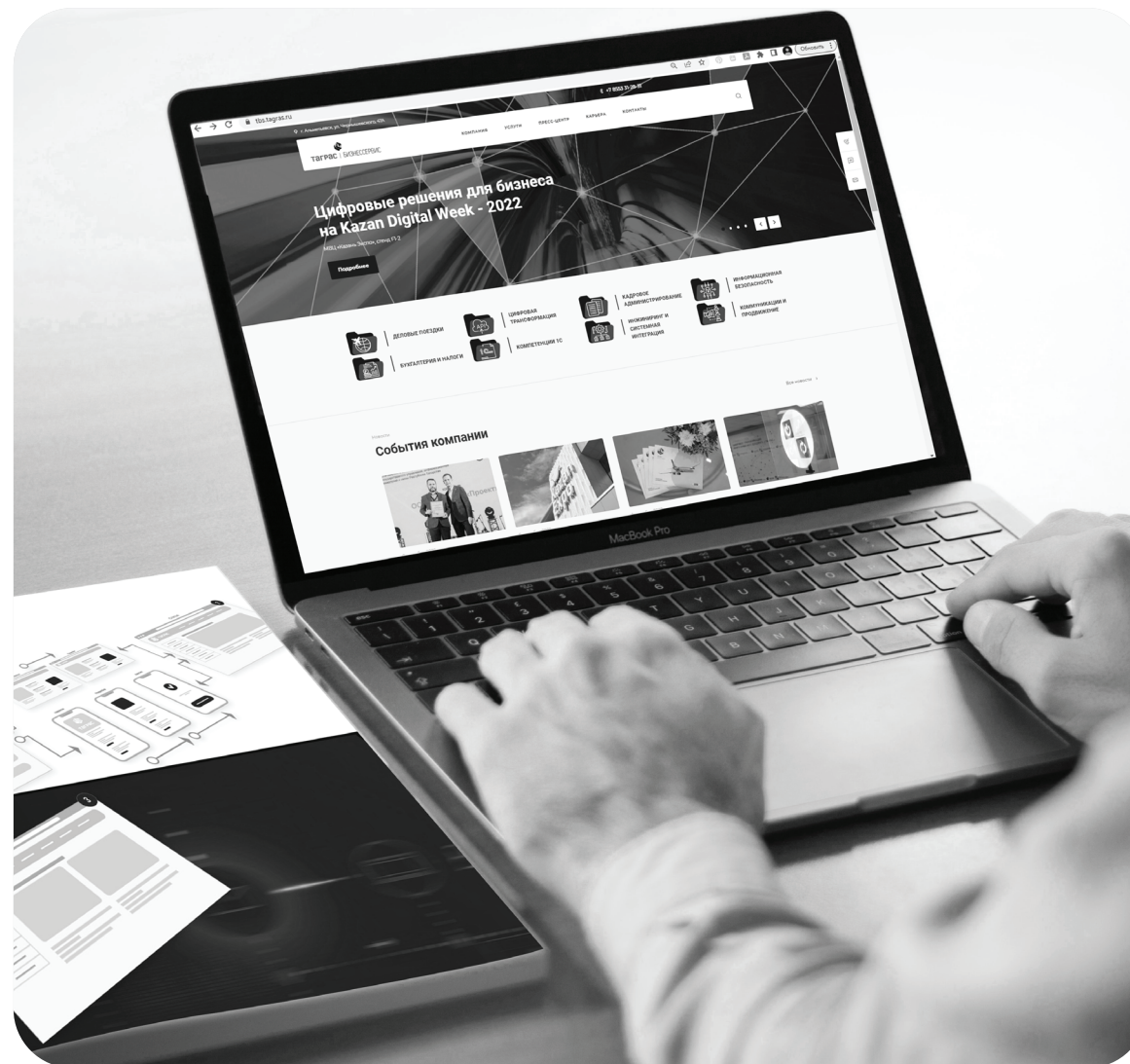
TAGRAS-BS division performs standardized business process. This model allows cutting corners on costs and makes the management transparent and efficient.

The division provides a wide range of services in the field of finance: accounting consulting services, HR management, cyber security, 1C software customizing. Comprehensive services to the customers from business tourism, production engineering and industrial automation systems implementation to content marketing and PR.

Number of employees: **454**

MAIN ACTIVITIES:

- Comprehensive accounting and tax outsourcing
- HR record keeping and administration
- Maintenance and development of information systems
- Maintenance of IT-infrastructure
- Implementation of cybersecurity solutions
- Industrial automation
- Business tourism



AVERAGE ANNUAL INDICATORS:

■ MULTIFUNCTIONAL SERVICE CENTER (OUTSOURCING):

- Number of employees **255**
- Number of employees of serviced enterprises **>18 thousand persons**
- Number of clients **52** medium and large-sized enterprises

■ INFORMATION SYSTEMS AND IT INFRASTRUCTURE CUSTOMIZING:

- Number of supported information systems **90+**
- Number of certified specialists **34**
- Certification in federal service for technical and export control

■ INDUSTRIAL AUTOMATION:

- **1300** projects at high consequence facilities
- **24** years of experience in engineering
- **30** major partners and vendors

■ CASE MANAGEMENT AND BUSINESS TRIPS SUPPORT IN RUSSIA AND AROUND THE WORLD (BUSINESS TOURISM)

- Number of clients - medium and large-sized enterprises, incl. government involvement **>200**
- Customer service rate **12 minutes**

INDUSTRIAL SAFETY, LABOR PROTECTION, ECOLOGY

TAGRAS HOLDING maintains a high level of industrial, environmental and labor safety. We protect employees from dangerous and harmful production factors. We struggle intensely to eliminate accidents and occupational diseases. We use resources and equipment efficiently.

Industrial and environmental safety activities, as well as labor protection, are performed in accordance with international environmental safety standards:

OHSAS 18001:2007 and ISO 14000:2004

THE MOST IMPORTANT GOALS OF THE HOLDING COMPANIES IN THE FIELD OF LABOR, ENVIRONMENTAL AND INDUSTRIAL SAFETY PROTECTION ARE:

- Protection of employees from dangerous and harmful production factors, prevention of occupational accidents and illnesses
- Trouble-free operation of equipment and rational use of resources; reduction of negative impact on the environment
- Compliance with the requirements of current legislation in the field of labor protection, industrial safety and environmental protection. Prevention of human health damage, and property and organizations damage where productive activities occur



- Industrial hazards and risks identification and assessment, preventive measures to minimize the impact of hazardous and harmful production factors on human health and the environment through the advanced technologies introduction, technical re-equipment, reduction of harmful emissions and waste, creation of safe working conditions
- We conduct internal audits and a detailed analysis on a regular basis, to collect remarks and violations, and immediately take corrective actions against identified remarks and violations
- Effective interaction between administration, union representatives, and public control authorities, based on social partnership principles, in the field of labor protection, industrial safety and environmental protection
- Carrying out activities to improve working conditions and labor protection system improvement

**WE ARE READY
TO COOPERATE**



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