



►► March 2026

Coordination of the petrochemical complex
of the Republic of Tatarstan since 1994

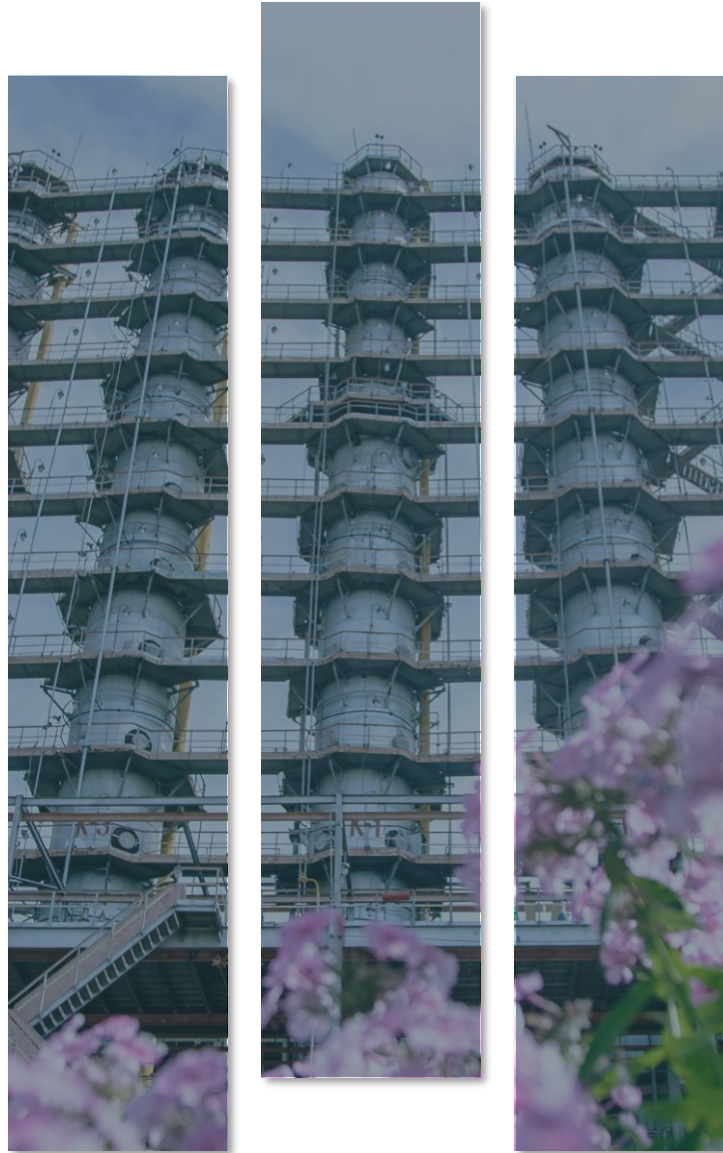
Image: TANECO / <https://madeintatarstan.ru/>

Oil Production

Oil Refining

Gas Refining

Chemical Industry



Rubber and Plastic Products

Pharmaceuticals

Biotechnology

Ecology

«Tatneftekhiminvest-Holding»

**Coordinates the development
of the petrochemical
complex of the Republic
of Tatarstan**



Attracting Projects

search, evaluation and attraction of technologies and companies for the implementation of projects in the Republic of Tatarstan



Support for Companies

assistance in the implementation of investment and innovation projects



Provision of Raw Materials

assistance in solving issues of raw materials supply



Cooperation

development of cluster connections



Planning

development of strategic documents and strategic decisions



Communications

organization of conferences and round tables

Participating in R&D and innovation projects

Expertise

Technological and economic evaluation of projects
External expertise by the Scientific and Technical Council
of Tatneftekhiminvest-Holding

Consulting

Market research
Search for potential partners
Assistance in concluding a contract

Financing

Financing costs at the laboratory or prototype stage

Piloting

Assistance in pilot implementation on the territory
of the Republic of Tatarstan

Scholarships

Named scholarships awarded based on the results of
the project selection process for the national
«Innovation of the Year» competition

Promoting Innovations in 2025

12

R&D and investment projects

received support through
participation in the implementation,
co-financing of works

26

Innovative Proposals

worked out through searching for
partners, establishing direct contacts,
facilitating the organisation of product
and technology trials

37

Market Reviews

conducted to assess the
directions of development of the
oil and gas chemical complex

Support for R&D in 2025

1

Establishment of a research center at IPT Idea, Inc.

Participation in the implementation of the Agreement on the establishment of a research and development center in Tatarstan for the development of the Russian component base.

The parties to the agreement are the Ministry of Industry and Trade of the Russian Federation, the Government of the Republic of Tatarstan, and ROSNANO JSC.

2

Wastewater treatment

Development and selection of new bacterial strains that make up activated sludge for wastewater treatment. The project has been supported since 2019.

The project was initiated by Kinematika LLC (Kazan)

3

Formulation refinement of sulfur for the tire industry

Continued work on refining the formulation of the copolymer sulfur used for rubberizing metal cord in the breaker layer of passenger car tires.

Developer: Kazan National Research Technological University

4

Wastewater Monitoring

Development of a system for determining biochemical oxygen demand in wastewater. The project has been underway since 2019.

Project participants: Kinematika LLC and NPP Ecoenergomash LLC (Kazan)

Participation in the creation and activities of the Investment Partnership «New Chemical Industry» (Fund)

4

meetings of the Scientific and Technical Council of the Foundation were held from July 17, 2025 to May 1, 2026



Investment Areas:

- ▷ Petrochemicals and gas chemicals, organic and inorganic synthesis
- ▷ Development and manufacture of equipment for the chemical and oil and gas industries
- ▷ Functional materials (composite materials, materials for oil refining, etc.)
- ▷ Digitalization of production processes (solutions aimed at implementing digital technologies in the chemical industry, etc.)



Projects recommended for funding:

- ▷ Organization of production for small-scale chemical products, GAZOHIM ENGINEERING LLC
- ▷ Super-structural Polymers, Kabardino-Balkarian State University named after H.M. Berbekov
- ▷ Expansion of own production of the HimMed Group, HimMed JSC
- ▷ Localization of Fine Chemicals Production, Eppsains LLC
- ▷ Universal modular units for small-scale production, ARSKA TEK LLC
- ▷ Development of a full-cycle microcellulose production process, Greenfiber LLC
- ▷ High-tech production of fine chemicals for the pharmaceutical industry, Fine Chemicals LLC
- ▷ Establishment of a high-precision gas production facility for the electronics industry, Pyurus LLC
- ▷ Establishment of a production facility for ceramic cordierite substrates, small-piece refractory products, and ceramic concrete products, Scientific Production Enterprise «Ceramic Systems» LLC

Supporting the Development of the Lobachevsky University Venture Fund

8

investment projects have
been approved by the
Fund from 2024 to the first
quarter of 2026



Komarik LLC – «Medical Electronic Device»



QuadroCation LLC – «Chemical for Water Treatment»



Smart C LLC – «Intelligent Systems for Urban Safety and Comfort»



Dobrokhim LLC – «Technology for the production of an effective reagent for the on-site treatment of wastewater and natural water»



Unistat LLC – «The Integration of AI into Youth Sports»



BIOMETRICLABS LLC – «Intelligent Leak Detection and Pipeline/Tank Inspection System»



HemoTech LLC – «The Next-Generation HemoTech.AI Analyzer»



Smart Metal LLC – «AILITE – autonomous welding and cladding systems utilizing machine vision with laser illumination and neural network-based software»

Participation in the implementation of investment projects

Manufacture of veterinary products

Supervision of the construction by JSC «Research and Production Center «Khimtekhnо» (Kazan) of a new veterinary product manufacturing facility at the industrial site in the village of Karabash (Republic of Tatarstan)

Primary processing of industrial hemp

Implementation of the investment project «Development and Construction of a Primary Processing Line for Industrial Hemp» in collaboration with Agroiintech LLC (Kazan)

Manufacture of chemical reagents

Continuation of work to oversee the construction by JSC «Research and Production Center «Khimtekhnо» of a plant for the production of chemical reagents and oilfield chemicals with a capacity of 20,000 tons in the village of Karabash

Production of methylchlorosilanes and their derivatives

Analysis and Exploration of Options for Completing the Project «Establishment of a Production Facility for Methylchlorosilanes and Their Derivatives»

Expansion of the range of veterinary products

Continued collaboration with JSC «Research and Production Center «Khimtekhnо» to expand the product range and sales markets for veterinary products.

Image: Kazanorgsintez Press Office



Projects that received support in finding partners and conducting tests

Oil exploration

Conducting research on oil samples from fields in the Republic of Tatarstan. The work is being carried out in collaboration with Electroimpulse Technologies LLC (St. Petersburg)

The Use of Demulsifiers for Highly Viscous Oils

Conducting laboratory and pilot-scale tests and launching the industrial application of the Khimtekhnno-521 demulsifier for ultra-viscous crude oils at PJSC Tatneft, in collaboration with JSC Research and Production Center «Khimtekhnno»

3D weaving technology

Support for the implementation of the project «3D Weaving: Smart Reinforcement of Composite Materials» by Carbontex LLC (Moscow)

Image: Tatneft Press Office

Chemical Database

Promotion of the project «Artificial Intelligence for the Advancement of Science and the Chemical Industry», developed by the A.A. Kharkevich Institute for Information Transmission Problems of the Russian Academy of Sciences (Moscow)

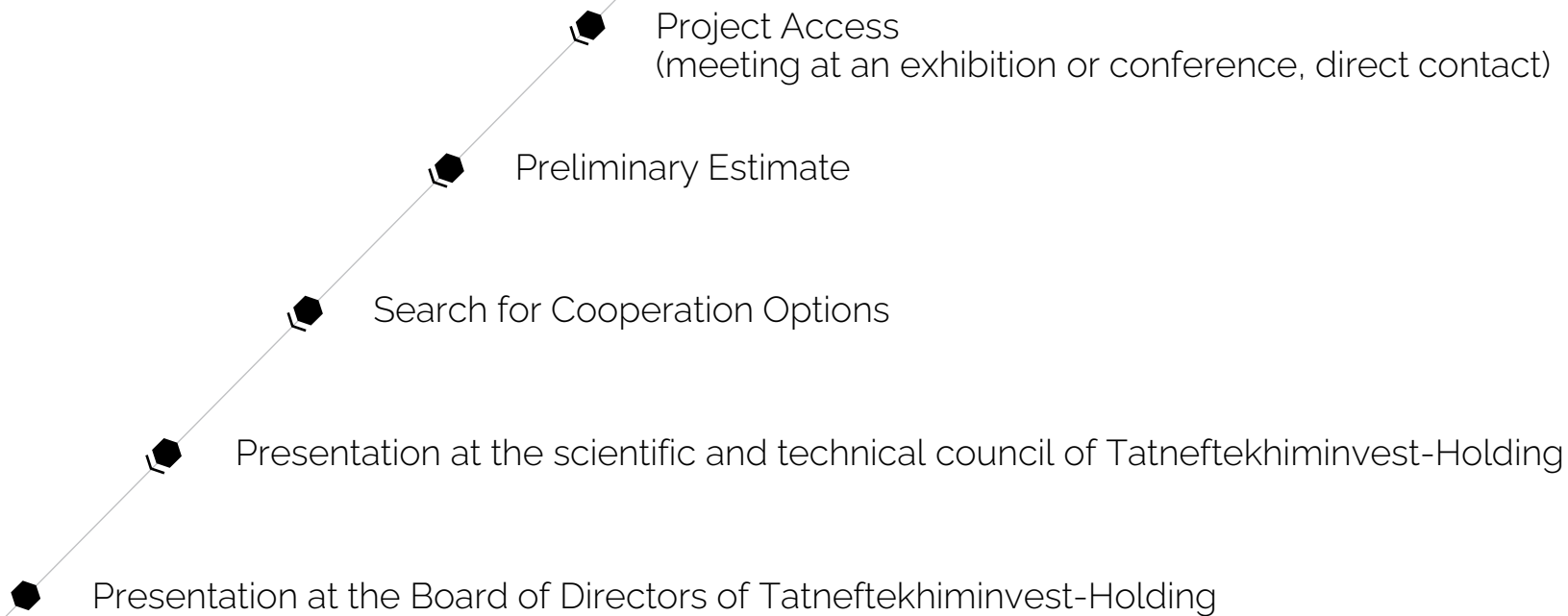
Material for lithium-ion batteries

Continuation of work on developing a technology for processing petroleum coke into anode material for lithium-ion batteries in collaboration with the A.F. Ioffe Physical-Technical Institute of the Russian Academy of Sciences (St. Petersburg)

Catalysts for oil refining and petrochemicals

Continuation of work on the development of production processes for heterogeneous catalysts on an alumina support in collaboration with Kazan (Volga Region) Federal University

Algorithm for working with proposals and projects



At the board of directors, a project can be presented to the heads of authorities and major companies

Chairman of the Board of Directors –
Head of the Republic of Tatarstan
R.N. Minnikhanov

Ministry of Economics

Ministry of Industry and Trade

Investment Development Agency

Ministry of Construction, Architecture and Housing

Image:
Press Office of the Head of the Republic of Tatarstan



12

meetings
of the board of directors
are held annually



63

projects and
companies
were presented
in 2025

Participating in the formation of raw material flows

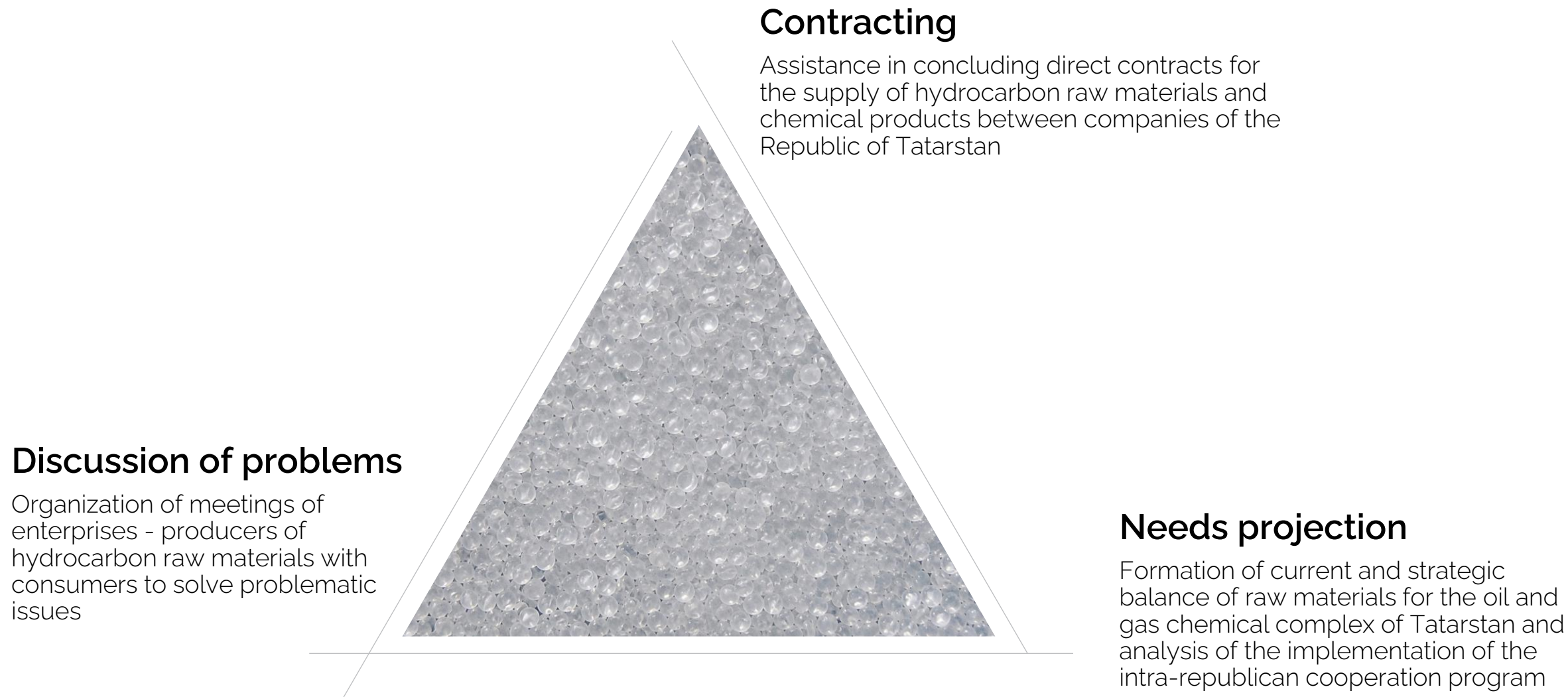


Image: generated using ChatGPT (OpenAI)

Shaping strategic decisions

6th

the oil and gas chemical complex development program developed by us is being implemented in Tatarstan



Industry Programs

Developed programs for the development of the oil and gas chemical complex of the Republic of Tatarstan

- ▷ for 1999-2003
- ▷ for 2004-2008
- ▷ for 2010-2014
- ▷ for 2015-2019
- ▷ for 2020-2024
- ▶ for 2025-2029

Developed strategies for biotechnology development in the Republic of Tatarstan

- ▷ for 2010-2020
- ▶ for 2025-2029



Strategic documents

Participation in the development of federal and regional strategic documents



Corporate Plans

Assistance in the development of strategic documents of production companies, educational organizations



Current Analysis

Quarterly analysis of the results of oil and gas chemical complex development in the Republic of Tatarstan

We organize events

Annual conferences held as part of the «Tatarstan Oil, Gas, and Petrochemical Forum»

International Scientific and Practical Conference on Advanced Technologies in Petrochemicals and Oil Refining

A practical HR conference focused on presenting best practices in human resources management

Thematic roundtables at national events

Roundtable Discussion as Part of the Business Forum «TIME: Tatarstan–India. Mutual Efficiency» (2025)

Participation in organizing events as partners

Image: Tatarstan Oil, Gas, and Petrochemical Forum



TATARSTAN OIL AND GAS CHEMICALS FORUM

Held annually in late August
or early September

Publishing Information Materials



Analytics and catalogs

Catalog of manufacturers of chemical-based materials for construction and road applications

Analytical materials on the development of the oil and gas chemical complex



Information for Investors

Presentation materials

Scheme of cluster development of hydrocarbon processing



Articles

Publications in newspapers and magazines

Placement of industry news on the Company's website

Formation of digests for ministries and agencies

To start cooperation, contact us



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