TATNEFTEKHIMINVEST-HOLDING

– ▶ June 2021

Coordination of the Gas and Petrochemical Complex of the Republic of Tatarstan since 1994

Oil production

Oil refining

Gas processing

Chemical industry



Rubber and plastic products

Pharmacy

Biotechnology

Ecology

Tatneftekhiminvestholding

Coordinates the development of the Gas and Petrochemical Complex of the Republic of Tatarstan

Attraction of projects

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

Company support

assistance in the implementation of investment and innovation projects

Raw materials supply assistance in resolving issues of raw materials supply

Cooperation development of cluster relations

Planning

development of strategic documents and strategic decisions

Communications

organization of conferences and round tables

Our team



Rafinat Yarullin General Director



Haris Mustafin Deputy Director



Ilfat Salikhov

Deputy Director, Academic Secretary of the Scientific and Technical Council



Abzalilova Leysan Deputy Director of Economics



Ilgizar Yakushev Deputy Director for the Development of Bio -, Nano-and Medical Technologies



Mingazi Gibadukov Chief Technologist, Head of the Hydrocarbons Department

10 projects received support in 2020

Commercial projects

10

received support through finding business partners, establishing direct contacts, solving problematic issues, creating working groups **Business plans**

were developed by Tatneftekhiminvest-holding in 2020 Marketing studies

were carried out to assess the directions of development of the Gas and Petrochemical Complex

Companies supported in 2020

Nizhnekamskneftekhim

Vat residues

Launch of the unit for the separation of commodity fractions from vat and gas fractions in cooperation with GTC Technology (USA)

Additive for polyester resin plant

Development and implementation of a new technology for the production of an additive based on ethylene oxide and propylene oxide at the plant for the production of styrene and polyester resins with Kazan Federal University, Himtechno SPC (Kazan)

Oil sludge decantation complex

Oil sludge

Involvement of VNIPIneft (Moscow) in the preparation of a feasibility study of the project

Kazanorgsintez

Ethane production

Continuation of work with the Candidate of Technical Sciences A.V. Kurochkin (Republic of Bashkortostan) on the production of ethane from natural gas at a thermal power plant

TANEKO

Hydroconversion

Participation in the optimization of the hydroconversion process of heavy oil residues with a capacity of 50 thousand tons

Corib Metal

Battery recycling

Assistance in the implementation of the project for the recycling of used lead-acid batteries

Bureau of Innovative Chemical Technologies

Serobitum

Optimization of a pilot plant for the production of serobitum

Monitoring the testing of a 200-meter stretch of roadbed laid with the use of serobitum

Himtechno

Disinfectants

Creation of all-purpose antimicrobial disinfectants from chemical industry waste

Veterinary products

Expansion of production volumes and markets for veterinary products at the Urussinsky Chemical Plant

Demulsifiers

Promotion of demulsifiers and corrosion inhibitors developed by Himtechno and Kazan Federal University

Participation in R&D and innovation projects

Expertise

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

Consulting

Market research Search for potential partners Assistance in conclusion of contracts

Financing

Financing of costs at the stage of the laboratory or the creation of a prototype

Piloting

Assistance in pilot implementation in Tatarstan

Scholarships

Personal scholarships based on the results of the republican contest "Fifty best Innovative ideas for the Republic of Tatarstan

TOP R&D projects in 2020

Technology development

Polyphenylene sulfide

With the participation of Tatneftekhiminvest-Holding, the Department of Organic Chemistry of Kazan Federal University, together with Ingehim, at the request of the Russian Ministry of Defense, developed a technology for producing polyphenylene sulfide and 1,4-butanediol

In February 2021, the first batch of polyphenylene sulfide was received, which was transferred to the customer

Oil sludge processing

Participation together with the Soyuzhimpromproekt Design Institute and Tatoilgaz in the development of a program to select the optimal scheme for processing oil sludge and heavy residues

The experience of Bashkortostan and the operating oil sludge processing plant in Salavat were studied

Testing

Wastewater treatment

Tests of wastewater treatment technology using bacteria at treatment facilities in Vysokaya Gora, Laishevo and Innopolis were funded

Positive results were obtained

Serobitum

Monitoring of the roadbed using serobitum which was laid in Almetyevsk

Polymer sulfur

Tests of polymer sulfur were organized at the Kama Research and Development Center with the prospect of implementation at tire factories

Electron beam technologies

Initiation of the project

Support was provided until the conclusion of a contract for joint work between Kazan National Research Technological University, the Frumkin Institute of Physical Chemistry and Electrochemistry of the Russian Academy of Sciences and the Kama Scientific and Technical Center

Algorithm for working with offers and projects

- Project introduction (meeting at an exhibition or conference, direct contact)
- Preliminary assessment
- Search for cooperation options

Presentation at the Scientific and Technical Council of Tatneftekhiminvest-holding

Presentation at the Board of Directors of Tatneftekhiminvest-holding

Projects can be presented to government officials and major companies at the Board of Directors

The chairman of the Board of Directors is the president of the Republic of Tatarstan **R. N. Minnikhanov**

Ministry of Economy Ministry of Industry and Trade Investment Development Agency Ministry of Construction, Architecture, Housing and Communal Services





board meetings are held annually











companies and projects were presented in 2020

Participation in the formation of raw material flows

Conclusion of contracts

Assistance in concluding direct contracts for the supply of hydrocarbon raw materials and chemical products between companies of Tatarstan

Discussion of problems

Organization of meetings among producers of hydrocarbon raw materials and consumers to resolve problematic issues

Demand forecast

Formation of the current and strategic balance of raw materials for the Gas and Petrochemical Complex of Tatarstan

Participation in cluster policy through INNOKAM

participating organizations



The INNOKAM cluster was founded by the Ministry of Economy of the Republic of Tatarstan and Tatneftekhiminvest-holding in 2011 on the initiative of leading petrochemical and automotive enterprises

In 2020, cluster members took part in 40 communication and exhibition events

Creation of INNOSCOPE an open innovation center

The web portal "Russian Center for Open Innovations Innoskop" was created by the INNOKAM Association in September 2018.

The goal is the development of interaction between science and business for implementation of innovative technologies, additional loading of equipment for universities and engineering centers.

45 416 units of equipment 11 985 technologies 1 6 8 2 participants

www.innoscope.ru

registered on the portal at the end of 2020

Tatneftekhiminvest-holding participated in the creation of two centers in 2020

Partnership agreements

The "New Technologies" Consortium, created by Kazan National Research Technological University Participation in the creation

The World-class Scientific and Educational Center "Circular Economy"

Tatarstan-Finnish Center for Circular Economy on the basis of Kazan State Power Engineering University Assistance in the organization

Cooperation Agreement between the Government of the Republic of Tatarstan and the Foundation for Advanced Research

Agreement on Scientific and Educational Consortium in the field of industrial and environmental safety, energy and construction supervision between Kazan State University of Architecture and Engineering, Kazan National Research Technological University, and Kazan State Power Engineering University



Strategic decision-makers



program for the development of the Gas and Petrochemical Complex is implemented in Tatarstan

Industry programs

The programs for the development of the Gas and Petrochemical Complex of the Republic of Tatarstan have been developed > for 1999-2003 > for 2004-2008 > for 2010-2014 > for 2015-2019 > for 2020-2024

Biotechnology Development Program for 2010-2020

Pharmaceutical Industry Development Program of the Republic of Tatarstan for 2011-2020

Regional documents

Participation in the development of regional strategic documents

Corporate plans

Assistance in the development of strategic documents for manufacturing companies, educational organizations

Current analysis

Quarterly outcome analysis of the development of the Gas and Petrochemical Complex of the Republic of Tatarstan

Organization of events

Annual Conference

Annual international scientific-practical conference on advanced technologies of petrochemistry and oil refining within the framework of the Tatarstan Gas and Petrochemical Forum (held in early September)



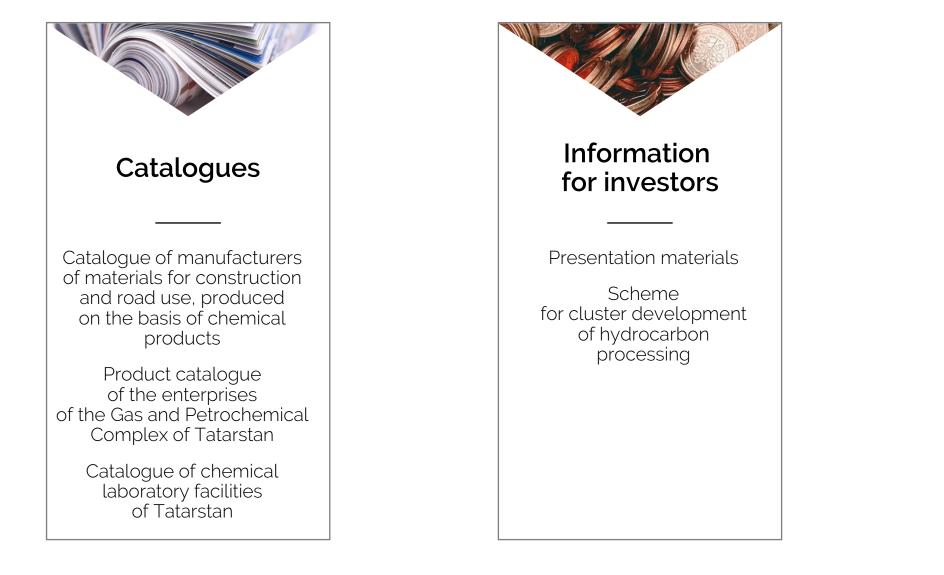
TATARSTAN GAS AND PETROCHEMICAL FORUM

September 7-9, 2021



Thematic round tables at republican events

Informational materials release





To start cooperation, please contact us



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