



UZKIMYOSANOAT
JOINT STOCK COMPANY

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Korea-Uzbekistan Research and Project Institute of Chemical Technology Innovation Center



Korea-Uzbekistan Research and Project Institute of Chemical Technology Innovation Center

This project is aimed at implementing advanced scientific developments, developing modern chemical industry technologies, and ensuring efficient utilization of local raw material resources.

The center serves to adapt the scientific research experience and innovative approaches of the Republic of Korea to the conditions of Uzbekistan, develop new types of chemical products, optimize technological processes, and create high value-added solutions for industrial enterprises.

Within the framework of the center's activities, scientific research, experimental and development works (R&D), pilot project development, startup support, and personnel training programs will be implemented. In addition, it is planned to strengthen cooperation with local and foreign investors to form new investment projects.

Main Goal of the Project

The main goal of the project is to increase scientific potential in the field of chemical technology in Uzbekistan, commercialize innovative developments, and develop the production of competitive chemical products.

At the same time, the center's activities will be carried out in the following priority scientific areas:

Gas and Coal Chemistry

Conducting scientific research in the field of gas and coal chemistry.

Modern Analytics

Deep analysis of chemical substances and implementation of modern analytical methods.

Sorbents and Filters

Development of sorbents and filtration materials.

Catalysts

Creation and improvement of highly efficient catalysts.

Nanomaterials

Synthesis of nanomaterials and their practical implementation.

Composite Materials

Development of composite materials and expansion of their application areas.

Main Objectives

- ensuring the transfer of advanced foreign technologies;
- efficient utilization of local raw material resources;
- development of products with high added value;
- strengthening integration between science and industry;
- training highly qualified personnel;
- increasing the production volume of export-oriented products.

Project Indicators

2022-2026

Implementation Period

15+

Annual R&D Projects

7+

Pilot Projects

100

New Jobs

Key Advantages

- Scientific and industrial integration: the center strengthens cooperation between science and production, enabling direct implementation of research results into industry.
- International experience and technology transfer: cooperation with Korea enables attraction of advanced technologies, modern laboratory equipment, and management experience.
- Import reduction: local production of many currently imported chemical products such as sorbents, catalysts, and composites will be established.
- Increasing export potential: production of competitive high value-added products will create opportunities for entering foreign markets.
- Creation of an innovative ecosystem: startups, small innovative enterprises, and research groups will be formed around the center.
- Personnel training and professional development: opportunities will be created to improve practical knowledge and skills of young specialists, students, and engineers.
- Efficient utilization of local raw materials: additional value chains will be created through deep processing of gas, coal, and mineral resources.
- Environmental efficiency: sorbents, filters, and new technologies will reduce environmental emissions and ensure ecological sustainability.

Expected Results

Scientific Results

Implementation of 10-15 annual scientific research and experimental design projects, creation of new chemical products, materials and technologies, publication of articles in international and local scientific journals, and registration of patents and intellectual property objects.

Industrial and Innovation Results

Development and industrial implementation of at least 5-7 pilot projects, creation of production technologies for sorbents, catalysts, nanomaterials and composites, development of technological solutions for local industrial enterprises, and support for startup projects.

Economic Efficiency

Increasing the production volume of import-substituting products, increasing revenues through high value-added products, attracting new investments, and establishing export-oriented production.

Social Results

Creation of 50-100 highly qualified jobs, expansion of opportunities for young scientists and specialists to conduct research activities, and development of personnel training systems in cooperation with higher educational institutions.

Gallery



ADMINISTRATION Courtyard







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Joint Stock Company "Uzkimyo sanoat"

<https://new.uzkimyo sanoat.uz/en/investment/kript-direksiyasi-mcz-lojiasi>