# INVEST IN UZBEKISTAN



#### STRATEGIC LOCATION AND DEVELOPED INFRASTRUCTURE IN THE HEART OF THE SILK ROAD

Since the election of **Shavkat Mirziyoyev**, the new President of Uzbekistan, significant changes in legislation, local rules, and Decrees of Uzbekistan aimed at creation of the most favorable conditions for foreign investors have constantly been implemented and the development of industry in general.



#### Uzkimyosanoat JSC is a Central Asia's leader in Chemical Industry



The annual production of chemical products of the enterprises of Uzkimyosanoat JSC



#### **Recently implemented projects**

Complex of conveyor belts, agricultural and automobile tires

production in Tashkent region

Total cost is more than 2 bln USD

#### Complex of polyvinyl chloride (PVC), caustic soda and methanol production at Navoiazot JSC



Total cost - 500 mln USD • O •

> Sources of financing: Chinese Exim bank and local loans

*Project`s capacity:* PVC - 100 KTA Caustic Ash – 72 KTA Methanol – 300 KTA

Location – Navoiazot JSC

**Production of nitric acid production** 

at Navoiazot JSC

Implementation period: 2016 - 2019



Compressors and

turbines of

MAN TURBO

\* Partners: **INGLONG**  Total cost - 214 mln USD

Sources of financing: Foreign and local loans as well as the company's own funds



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*Project`s capacity:* Automobile tires – 3 mln Agricultural tires – 200 000 Conveyor belts – 100 000 p.m.

Location – Tashkent region

Implementation period: 2015 - 2018

#### Production of ammonia and urea at Navoiazot JSC



Total cost – 985,7 mln USD



Sources of financing: Foreign and local loans as well as the company's own funds



*Project`s capacity:* Ammonia – 600 KTA Urea – 600 KTA

Location – Navoiazot JSC

Implementation period: 2016 - 2020



\* Partners:





Sources of financing: Commerz bank, Crtedit Suisse and local loans

*Project`s capacity:* Nitric Acid – 500 KTA

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Compressors and turbines of MAN TURBO

Location – Navoiazot JSC



Implementation period: 2016 - 2019

\* Partners:

A Mitsubishi Corporation





# Investment projects of Uzkimyosanoat JSC

### **TECHNOLOGICAL CLUSTER SCHEME**



## **TECHNOLOGICAL CLUSTER SCHEME**



#### **ORGANIZATION PRODUCTION OF MONOAMMONIUM PHOSPHATE**

Production of export-oriented,

highly liquid products with added value

**OBJECTIVES AND PARAMETERS OF THE PROJECT** 



According to statistics the demand for phosphate fertilizers in Uzbekistan by 2030 will reach 500 thousand tons, however the production capacity is estimated at 284 thousand tons



Production capacity ammonia 660 kta urea 557 kta 100 % P2O5 450 kta Total cost of the project \$ 1.4bln

#### **TECHNOLOGICAL SCHEME**



#### **MARKET ANALYSIS**

#### Monoammonium phosphate

The demand in Uzbekistan grew up from 25 to 92 thousand tons from 2013 to 2018, and showed a high growth rate of over 20% per year. According to the forecast, with an increase of 2.2% per year it will grow up to 120 thousand tons by 2030

#### **Diammonium phosphate**

Despite the presence of significant capacities for the production, Indian subcontinent - the main importer purchasing more than 6 million tons per year, South-East Asia - 2 million tons, Western Europe - 1.9 million tons and South America - 1.7 million tons



#### COMPLEX OF POLYVINYL CHLORIDE (PVC), CAUSTIC SODA AND METHANOL **AT USTYURT REGION III-STAGE**

150 kta

**OBJECTIVES AND PARAMETERS OF THE PROJECT** 



for caustic soda will be 170 kta

#### **PVC MARKET ANALYSIS**





other Central Asian countries will reach 440 kta\* by 2030

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#### DYNAMICS OF PVC PRICE IN UZBEKISTAN



According to BCG report, demand of caustic soda in **Central Asia will reach** 170 kta by 2030.

#### **CAUSTIC SODA MARKET ANALYSIS**



#### **PRODUCTION TECHNOLOGY OF PVC AND CAUSTIC SODA**

![](_page_14_Figure_1.jpeg)

first of **PVC** The stage production is electrolysis, during which chlorine is obtained (the main raw material for the production of VCM). **Byproduct** of electrolysis is caustic soda

The indisputable advantage of the technology is that the produced chlorine is immediately supplied to the next production area, thereby eliminating the risks associated with its storage or transportation

This production site also applies efficient schemes and know-how to minimize environmental impact and reduce the consumption of natural gas

![](_page_15_Picture_0.jpeg)

## **THANKS FOR YOUR ATTENTION!**

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![](_page_15_Picture_3.jpeg)

![](_page_15_Picture_4.jpeg)

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