

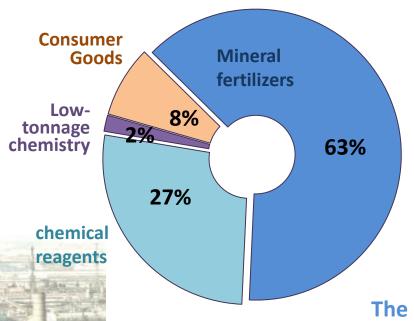
# PROPOSAL IMPLEMENTATION OF STATE'S SHARE OF JSC «NAVOIYAZOT» FOR STRATEGIC INVESTORS







Name	JSC «Navoiyazot»
Business activity	Production of mineral fertilizers, chemical reagents, fine chemical
Foundation	1964 year
Location	The Republic of Uzbekistan, Navoi region, industrial zone in Navoi
The area, total	892 hectares
- Industrial area	322 hectares
Number of Employees	9 198 people
- Manufacturing staff	8 818 people
- Administrative staff	380 people



#### **Products of the Company**

The range of products for today on JSC «NAVOIYAZOT» more than 70 names.

The list of primary products

The name of the product	Production capacity Thousand tons per year	Main Customer	
Ammonium nitrate	950,0		
Nitrogen-phosphorus fertilizer	180,0	Agriculture	
Ammonium sulfate	20,0		
Synthetic Ammonia	550,0	Undergraduate	
Nitric acid	870,0	processing	
Sodium cyanide	31,0		
Thiourea	0,9	Mining and oil -gas industry	
Polyacrylamide gel	1,5		
Polyacrylamide granulated	0,4	industry	
Methanol	15,0	www.navoivazot.uz	



#### **Main productions**

#### I. Production of mineral fertilizers

#### **Production of ammonia (550 thous. Tons).**

Permission for use:

1.2 line - in 1964, capacity - 370 thous. tons.

3 line - in 1971, capacity - 180 thous. tons.

The level of load in 2014 88.4%



#### **Production of Nitric acid (870 thous. tons.)**

Permission for use:

1.2 line - in 1965, capacity - 390 thous. tons.

3 line - in 1971, capacity - 480 thous. Tons.

The level of load in 2014 82.6%



#### Production of ammonium nitrate (950 thous. Tons).

Permission for use:

1 line - 1965, capacity - 350 thous. tons.

3 line - in 1971, capacity - 600 thous. tons.

The level of load in 2014 90.6%



Permission for use - in 2010, capacity - 180 thous. tons. The level of load in 2014 41.8%



Permission for use - in 1980, capacity - 20 thous. tons.

The level of load in 2014 72.5%





#### **II. Production of chemical reagents**

#### Production of hydrocyanic acid

Permission for use - in 1969.

Capacity - 18 thous. tons.

The level of load in 2014 96.1%



#### **Production of thiourea**

Permission for use - in 1987.

Capacity - 1750 tons.

Production will be increased to 3 100 tons / year.

The level of load in 2014 to 100.0%

#### Production of sodium cyanide from hydrocyanic acid

Permission for use - in 1969.

Capacity after the reconstruction in 2013 - 16 thous. tons.

The level of load in 2014 86.2%

#### Production of sodium cyanide from the reaction gas

Permission for use - in 2009.

Capacity - 15 thousand. tons.

The level of load in 2014 86.2%





#### **III. Production of low-tonnage chemistry**

Nº	Name of the product	Year of commis sioning	Capacity, tons	The level of load in 2014
1	Polyacrylamide gel	1992	1 000	140,0%
2	Technical Methanol, grade "A"	1999	15 000	58,3%
3	Uniflok	1991	500	120,0%
4	Technical formalin	1999	8 000	90,0%
5	Polyelectrolyte preparation K-4	1992	5 000	120,0%
6	Caustic soda		26 000	75,4%
7	Liquid chlorine	2001	17 000	46,5%
8	Hydrochloric acid	2001	12 600	77,3%
9	Sodium hypochlorite		6 700	29,9%
10	Ammonium chloride	2004	9 600	100,0%

The range of products of low-tonnage chemistry is more than 30 names.



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#### **ENGINEERING INFRASTRUCTURE**

Power supply is provided from external networks of 110 kV; 35kV; 6 kV. The provider is "Navoi PTES." The stated capacity is 245 MW.



Supply of thermal energy (steam) is carried out its own steam capacity output of 194-230 tons / hour and "Navoi TPP" with amount of 150-268 tons / hour depending on the time of year.



Natural gas mains is carried out in a volume of 68 m<sup>3</sup> per hour. two collectors: GP-25 pressure 25 kgf / cm<sup>2</sup>, and GP-6 pressure of 6 kgf / cm<sup>2</sup>. Provider is JSC "Uztransgaz".



The length of railways of Enterprise is - 28.8 km, the number of driveways - 11. Bandwidth - 4.0 thous. tons per day.



Local treatment plants and general treatment plants - the station bio cleaning of wastewater.

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Productivity - 51.34 thous. M3 per day. 76% of treated wastewater - effluent Navoi and industrial hub.

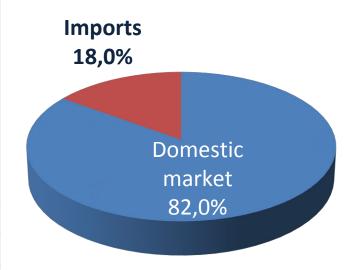


#### **RAW MATERIALS BASE**

#### List of the main raw materials

Nº	Name	Unit	Annual demand	Country of origin	
		Local m	arket		
1	Natural gas	Mln.m3	730		
2	Sulfuric acid	tn	6 500		
3	Technical sulfur	tn	2 000	Republic of Uzbekistan	
4	Technical salt	tn	48 000	Ozbekistan	
5	Polyethylene granules	tn	560		
		Impo	ort		
1	Caustic soda*	tn	5 000	Russia, China	
2	Monoethanolamine	tn	360	Russia	
3	N-mitilpirrolidon	tn	140	Russia	
4	Silica gel	tn	90	Russia	
5	Polypropylene **	tn	2 000	Russia	
6	Ground brucite	tn	5 000	Russia	

# The structure of the purchase of raw materials



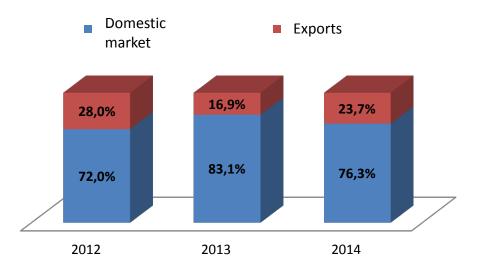
<sup>\*</sup> Supplying from own production is planned from 2019.

<sup>\*\*</sup> Provision needs through purchasing from the local market is planned in 2016.

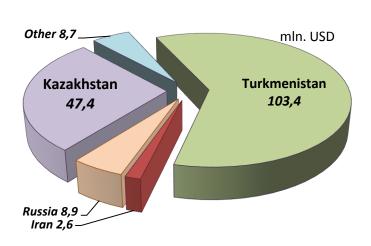


#### Realization of the main type of production

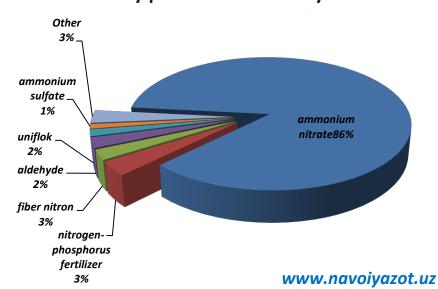
#### Share of markets in realizing of volume.



### **Export by countries**By period 2012-2014 y



## Export by types of products By period 2012-2014 y







#### **Integrated Management System**

German certification body DQS issued a certificate of compliance with quality management system requirements of ISO 9001: 2008 Nº470617 QM08 by field of activity: the production of ammonium nitrate, an aqueous solution of sodium cyanide, synthetic hydrochloric acid, liquid chlorine, ammonium chloride, liquid ammonia, acrylic emulsion, polyacrylamide gel, a nitrogenphosphorus fertilizer, methanol grade "A".

On JSC «Navoiyazot» in 2014 implemented an integrated management system.

- Quality Management System O'zDST ISO 9001: 2009 NºUZ.SMT. 04.001.00774
- > Environmental Management System O'zDST ISO 14001: 2004 Nº UZ.SMT. 04.001.00775
- Management System Occupational Health and Safety Management System - O'zDST OHSAS 18001: 2011 № UZ. SMT. 04.001.00776



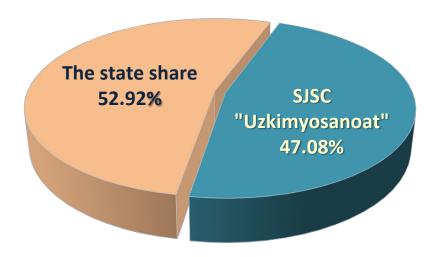
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#### Information on shareholders of JSC «Navoiyazot»

Authorized capital of JSC «Navoiyazot» - 312 679 285 pcs. common shares of them:

- **52.92% the state share** (referred SUE "Center for Management of State Assets").
  - 47.08% the share of "Uzkimyosanoat"



In order to increase foreign investment, dramatically increasing the level and role of private property in the economy are set to implement a foreign investor of 49% shares of JSC «Navoiyazot» (at the expense of the state share) with investment commitments of \$ 215.0 mln. USD.



#### Projects, implementing in years 2015-2019 y.



Construction of the production of polyvinyl chloride (PVC), caustic soda and methanol		501,1 mln. USD.
Capacity	Polyvinyl chloride (PVC)	100 thous. tons / year
	Caustic soda	75 thous. tons / year
	Methanol	300 thous. tons / year
Commissio	ning	2019 year



Construction of production of ammonia and urea		1 041,9 mln. USD.
Capacity	Ammonia	660 thous. tons / year
	Urea	577,5 thous. tons/year
Commissioning		2020 year



Organization of production of nitric acid		216,7 mln. USD.
Ca	pacity Nitric Acid	500 thous. tons / year
Co	mmissioning	2020 year

The modernization and reconstruction of energy, the replacement of measuring devices to the modern with the introduction of APCS	32,0 mln. USD.
Commissioning	2016-2020уу.

**Total by investment projects** 

1 791,7 mln. USD.

Attracting loans

1 576,7 mln. USD.

Investment commitments

215,0 mln. USD.