



STATE CONCERN “TURKMENHIMIYA”



TURKMEN – JAPANESE BUSINESS FORUM

TOKYO - 2018

ENTERPRISES OF STATE CONCERN "TURKMENHIMIYA"



OPERATING PLANTS PRODUCING CHEMICAL PRODUCTS IN TURKMENISTAN



1).GARLYK POTASSIUM MINING COMPLEX

- CAPACITY: POTASSIUM CHLORIDE - 1400 000 TONS

2).“MARYKARBAMID” PLANT

- CAPACITY: UREA - 640 THOUSAND TONS

3).“TEJENKARBAMID” PLANT

- CAPACITY: UREA - 350 THOUSAND TONS

4).TURKMENABAT CHEMICAL PLANT

- CAPACITY: AMMONIUM SUPERPHOSPHATE - 224 THOUSAND TONS

5).“MARYAZOT” PRODUCTION ASSOCIATION

- CAPACITY: AMMONIUM NITRATE - 450 THOUSAND TONS

OPERATING PLANTS PRODUCING CHEMICAL PRODUCTS IN TURKMENISTAN



6). "BALKANABAT" IODINE PLANT

- CAPACITY : IODINE - 255 TONS

7). "HAZAR" CHEMICAL PLANT

- CAPACITY : IODINE - 190 TONS

8). "BEREKET" IODINE PLANT

- CAPACITY : IODINE - 191 TONS

9). "GARABOGAZSULFAT" PRODUCTION ASSOCIATION

- CAPACITY : MAGNESIUM CHLORIDE – 100 THOUSAND TONS

SODIUM SULFATE – 240 THOUSAND TONS

10). "GUVLYDUZ" PLANT

- CAPACITY : SALT – 680 THOUSAND TONS



PROJECTS UNDER CONSTRUCTION IN THE CHEMICAL INDUSTRY OF TURKMENISTAN



1). PLANT FOR THE PRODUCTION OF UREA IN GARABOGAZ

- PLANT CAPACITY : UREA – 1 155 000 TONS

2). CONSTRUCTION OF A PILOT PLANT FOR THE PRODUCTION OF IODINE IN BALKAN REGION

- PLANT CAPACITY : IODINE – 90 TONS

FUTURE PROJECTS IN THE CHEMICAL INDUSTRY OF TURKMENISTAN



1). COMPLEX FOR THE PRODUCTION OF POTASSIUM CHLORIDE IN
LEBAP REGION (KARABIL FIELD)

- PLANT CAPACITY : POTASSIUM CHLORIDE — 1 400 000 TONS

2). COMPLEX FOR THE PRODUCTION OF NITROGEN FERTILIZERS IN MARY
REGION

- PLANT CAPACITY : AMMONIUM NITRATE — 300 THOUSAND TONS
UREA — 450 THOUSAND TONS

3). PRODUCTION OF PHOSPHATE FERTILIZERS IN LEBAP REGION

- PLANT CAPACITY : PHOSPHORUS FERTILIZER — 300 THOUSAND TONS

4). PLANT FOR THE PRODUCTION OF IODINE, BROMINE AND BROME
DERIVATIVES IN BALKAN REGION, CITY BALKANABAT

- PLANT CAPACITY : IODINE — 450 TONS
BROMINE — 4,35 THOUSAND TONS

FUTURE PROJECTS IN THE CHEMICAL INDUSTRY OF TURKMENISTAN



5). PLANT FOR THE PRODUCTION OF IODINE, BROMINE AND BROME
DERIVATIVES IN BALKAN REGION, CITY HAZAR

- PLANT CAPACITY : IODINE – 300 TONS
BROMINE – 5,5 THOUSAND TONS

6). PRODUCTION OF SODIUM SULPHATE IN BALKAN REGION,
CITY GARABOGAZ

- PLANT CAPACITY : SODIUM SULFATE – 60 THOUSAND TONS

7). PRODUCTION OF CAUSTIC SODA, CHLORINE AND CHLORINE DERIVATIVES
IN BALKAN REGION, CITY BALKANABAT

- PLANT CAPACITY : CAUSTIC SODA – 15 THOUSAND TONS
CHLORINE – 13,5 THOUSAND TONS

8). PRODUCTION OF CARBAMIDE - FORMALDEHYDE CONCENTRATE IN
MARY REGION

- PLANT CAPACITY : UF-85 - 20 THOUSAND TONS
SODA ASH – NO LESS 35 THOUSAND TONS



IODINE PRODUCTION IN TURKMENISTAN

1). “BALKANABAT” IODINE PLANT, CITY BALKANABAT

- PLANT CAPACITY : IODINE – 255 TONS

2). “HAZAR” CHEMICAL PLANT, CITY HAZAR

- PLANT CAPACITY : IODINE – 190 TONS

3). “BEREKET” IODINE PLANT, CITY SERDAR

- PLANT CAPACITY : IODINE – 191 TONS



“GARABOGAZSULFAT” PRODUCTION ASSOCIATION

ASSORTMENT OF PRODUCTS OF THE PRODUCTION ASSOCIATION INCLUDES:

- SODIUM SULFATE (“A” AND “B”)**
- MAGNESIUM CHLORIDE (BISCHOFITE)**





MINERAL FERTILIZERS IN TURKMENISTAN



AMMONIUM NITRATE



POTASSIUM CHLORIDE



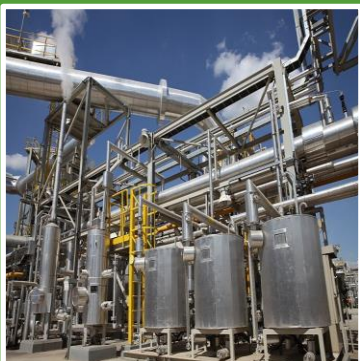
UREA



AMMONIUM
SUPERPHOSPHATE



AMELIORANT
FERTILIZER



CHEMICAL PRODUCTION IN TURKMENISTAN



POTASSIUM IODIDE



POTASSIUM IODATE



CARBON



MAGNESIUM
CHLORIDE



SODA ASH



TECHNICAL IODINE



SODIUM SULFATE



CHEMICAL PRODUCTION IN TURKMENISTAN



SULFUR GROUND



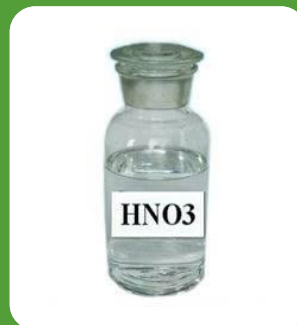
POLYETHYLENE AND
POLYPROPYLENE PIPES



SULFURIC ACID



OXYGEN



NITRIC ACID



SALT

GARLYK POTASSIUM MINING COMPLEX

ASSORTMENT OF PRODUCTS OF THE COMPLEX:

CAPACITY: 1400 000 TONS

- POTASSIUM CHLORIDE



“MARYKARBAMID” PLANT

ASSORTMENT OF PRODUCTS OF THE PLANT INCLUDES:

CAPACITY: 640 THOUSAND TONS

- UREA
- AMMONIA



“TEJENKARBAMID” PLANT

ASSORTMENT OF PRODUCTS OF THE PLANT INCLUDES:

CAPACITY: 350 THOUSAND TONS

- UREA
- AMMONIA



TURKMENABAT CHEMICAL PLANT

ASSORTMENT OF PRODUCTS OF THE PLANT INCLUDES:

- AMMONIUM SUPERPHOSPHATE
- SULFURIC ACID
- ALUMINUM SULFATE
- CHLORIC LIME



UREA AND AMMONIA PRODUCTION PLANT UNDER CONSTRUCTION IN GARABOGAZ (ANNUAL CAPACITY: 1155 000 TONS OF UREA AND 660 000 TONS OF AMMONIA). A JOINT PROJECT OF STATE CONCERN "TURKMENHIMIYA" AND A CONSORTIUM OF JAPANESE AND TURKISH COMPANIES "MITSUBISHI CORPORATION" AND "GAP INSAAT". MAIN INVESTMENT BY JBIC. THE PROJECT WILL BE COMMISSIONED IN JULY, 2018.



FINANCING OF ALL PREVIOUSLY LISTED PROJECTS IS CARRIED OUT



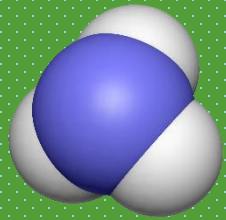
STATE CONCERN
"TURKMENHIMIYA"



JAPAN
BANK FOR
INTERNATIONAL
COOPERATION



NATURAL GAS PROCESSING



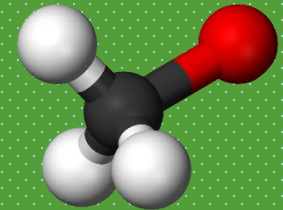
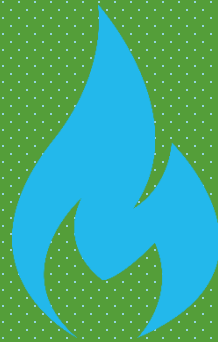
Ammonia



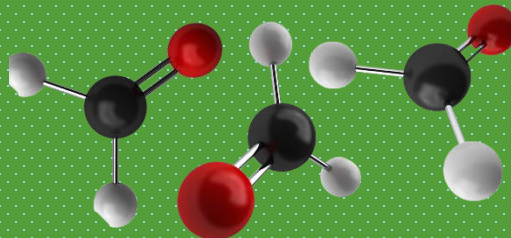
Plastic



Fuel



Methanol



Formaldehyde

**THE STATE CONCERN "TURKMENHIMIYA"
IS INVITING ALL INTERESTED PARTIES TO
TAKE PART IN REALIZATION OF ABOVE
MENTIONED PROJECTS!**



THANK YOU FOR ATTENTION!