



MINISTRY OF MINING AND GEOLOGY OF UZBEKISTAN

**YOUR MINING SECTOR DEVELOPMENT
PARTNER IN UZBEKISTAN**

KEY FUNCTIONS



- **IMPLEMENTATION OF MINERAL DEVELOPMENT STRATEGY AND MINING POLICY**
- **LICENSING OF MINERAL RIGHTS** (*exploration and mining*)



- **INTRODUCING OF ONE-STOP SHOP PRINCIPLES**
- **PROVISION OF GEOINFORMATION AND GEODATA MANAGEMENT**



- **INSTITUTIONAL SETTINGS AND COORDINATION OF SUBSOIL USE**
- **FISCAL REGIME IMPROVEMENT**



EXPLORATION



REMOTE SENSING



GEOPHYSICAL SURVEY
(AIRBORNE AND SURFACE)



GEOCHEMICAL SURVEY



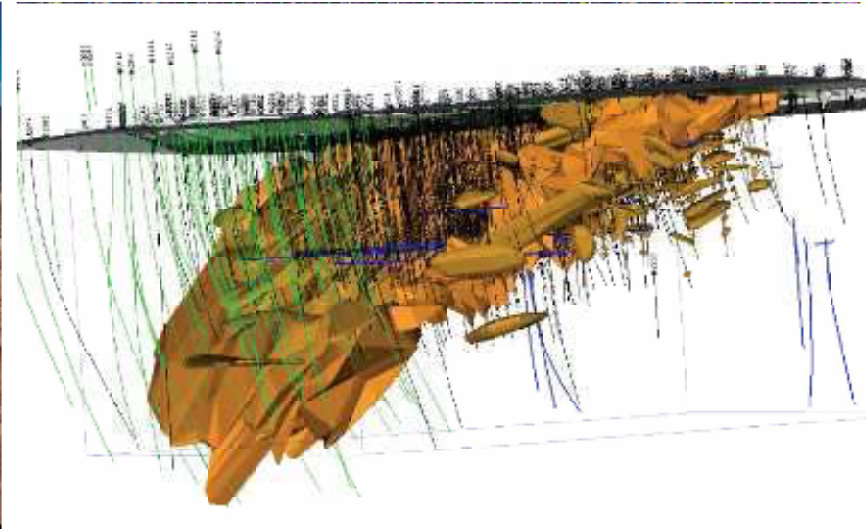
FIELD EXPLORATION



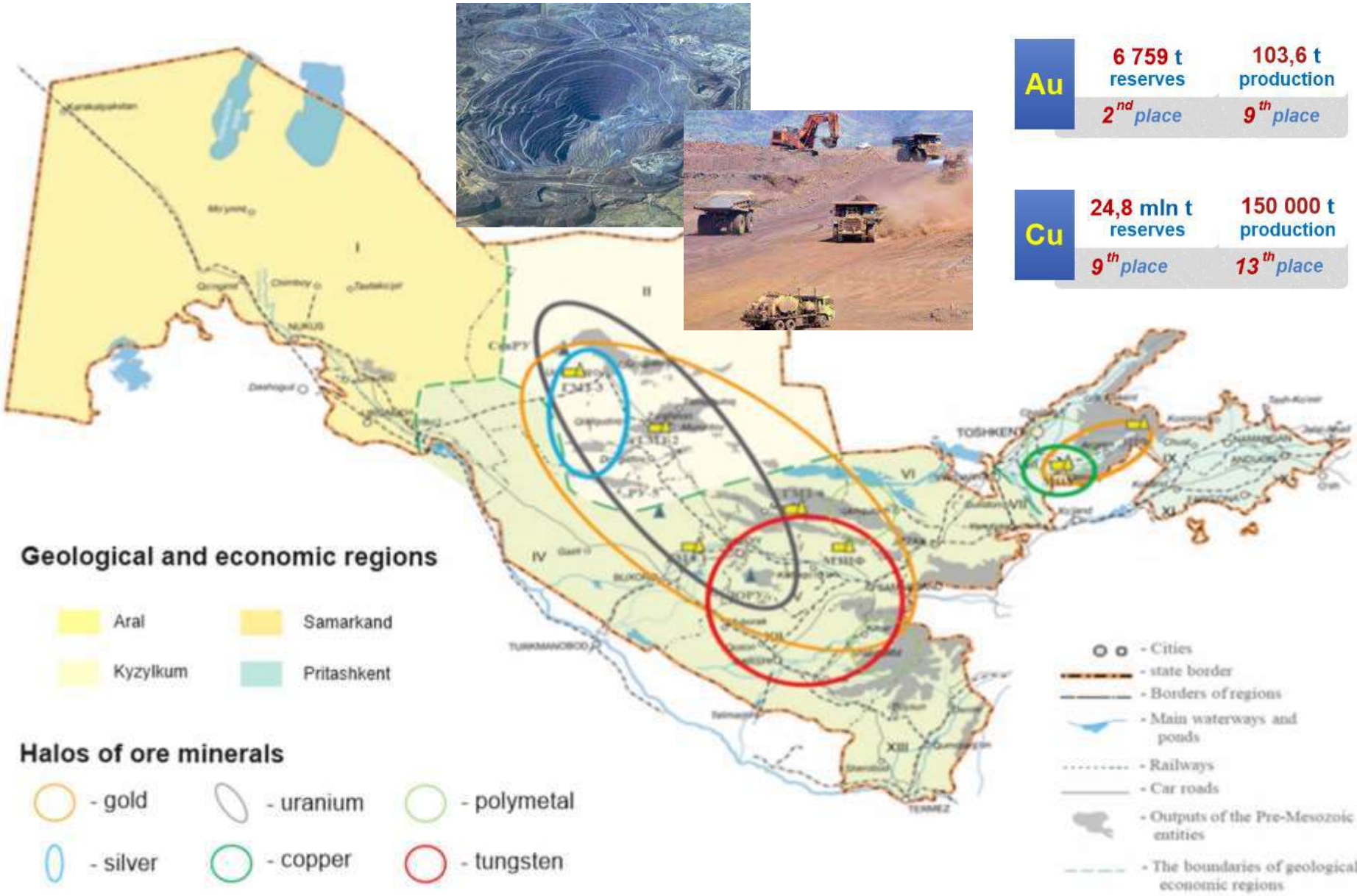
RESERVE ESTIMATION



TECHNICAL-ECONOMIC STUDIES



MINERAL BASE HIGHLIGHTS



Au 6 759 t reserves 103,6 t production
2nd place 9th place

Ag 26 957 t reserves 238,3 t production
9th place 17th place

Cu 24,8 mln t reserves 150 000 t production
9th place 13th place

U 95 200 t reserves 3 500 t production
12th place 5th place



COPPER CLUSTER DEVELOPMENT

Copper Cluster

Integrated approach on **exploration** – **mining** – **processing** – high-added value chain

Exploration program for **next 5 years** with the increase of reserves: gold – **730 tons**, copper – **1,5 mln tons**



In **2023**, on the basis of **Yoshlik copper-porphyry deposit** there launched commissioning of new **copper beneficiary plant** with a processing capacity of **60 mln tons of ore** per year

DECREE OF THE PRESIDENT OF UZBEKISTAN

dated 06/10/2021 №PD-6319

In connection with the **ongoing reforms in mining sector** there adopted legislation, according to which from **January 1, 2022** the followings **are canceled**:

- **license fees** for the right to conduct geological exploration and mining
- **Exploration bonus used to be:**
 - gold – **23 400 USD** non-ferrous metals – **11 700 USD**
 - ferrous metals – **4 680 USD** non-metals – **1 170 USD**
- **Mining bonus** – **0,1 % cost of proven reserves)**
- **Land tax** for the allotments for geological exploration
(**50-100 USD/ha**) 500 ha area would cost ≈ \$25-50K
- **Custom payments** and duties for temporary import, import of equipment, material and technical resources necessary for the implementation of geological exploration



CURRENT INVESTMENT PROJECTS

Foreign investors	Minerals	Areas	Period	Amount \$
1 Orano Mining (France)	uranium (7 thous tons)	2	2021-2025	400 mln
2 B2 Gold (Canada)	gold (resources – 26 tons)	3	2020-2023	20 mln
3 JOGMEC (Japan)	uranium (resources – 5 thous tons) gold (resources – 62 tons)	3	2020-2023	30 mln
4 Geological Survey of Turkey	gold (resources – 75 tons) tungsten (resources – 74 thous tons)	3	2020-2023	20 mln
5 Calik Holding (Turkey)	gold (resources – 30 tons)	1	2021-2023	10 mln
6 UMMC (Russia)	gold (40 tons)	1	2022-2025	560 mln
7 Esan Eczacibasi (Turkey)	lead (reserves – 3 mln tons) zinc (reserves – 3,6 mln tons)	1	2022-2025	120 mln
8 Ji An Tai International (China)	gold (5 tons)	1	2022-2025	20 mln
9 Shindong (Korea)	tungsten (23 thous tons)	1	2022-2026	70 mln
10 Loriard (Germany)	iron (1,3 bln tons)	1	2022-2025	2,3 bln
ongoing projects	(exploration in 2022 – 100 mln USD)		Total	3,5 bln \$



ONGOING PROJECT



Project cost
\$20 millions



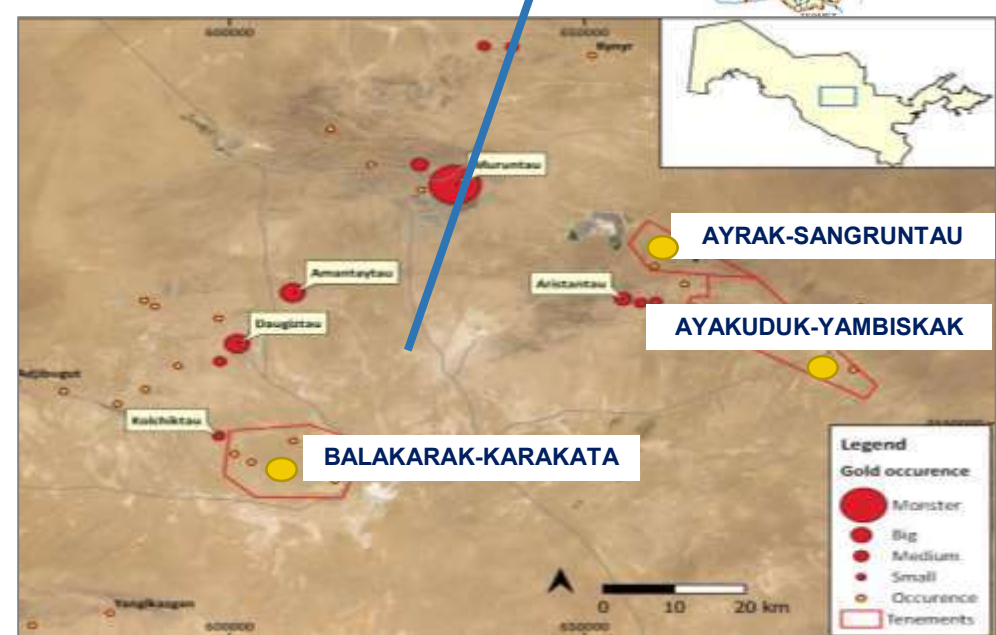
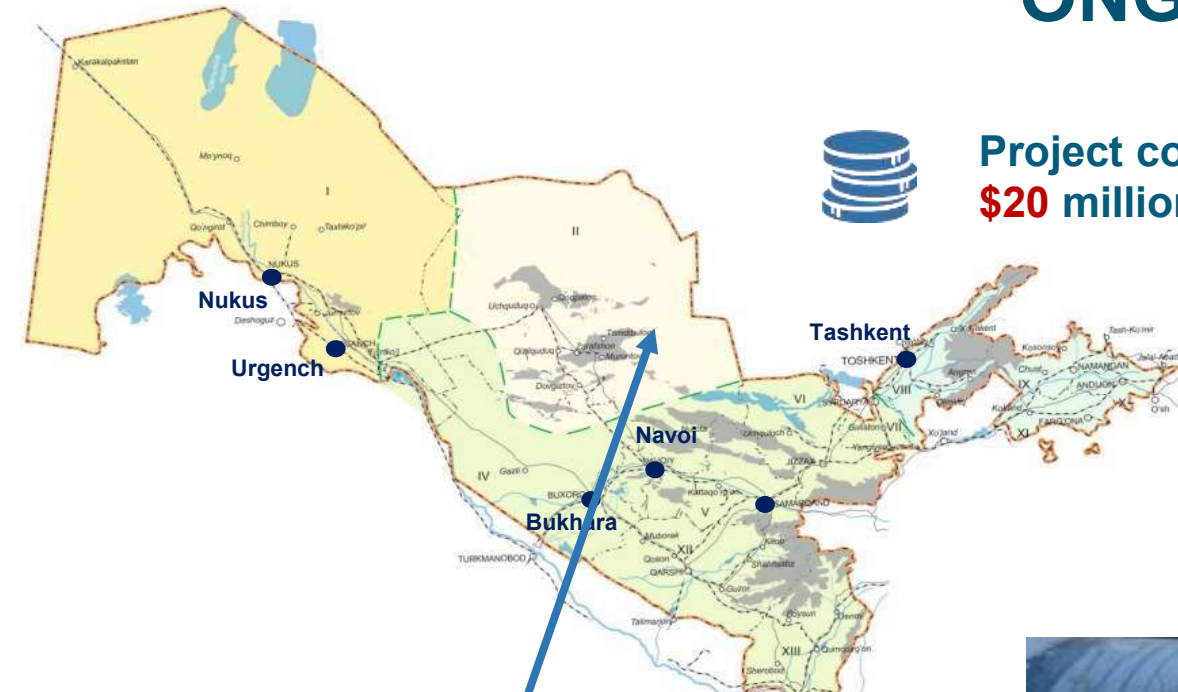
Project implementation
period **2020-2023**



Trenching **13755 meters**, from **95 holes**
Assay samples around **100000**



RAB/AC method **22200 meters**, from **493 holes**
RC method **34200 meters**, from **293 holes**



NEW MINING CODE (May 2023)

International standards

- Introduction of **JORC code**, support for **Junior mining**
- Property guarantee and transition of subsoil use rights

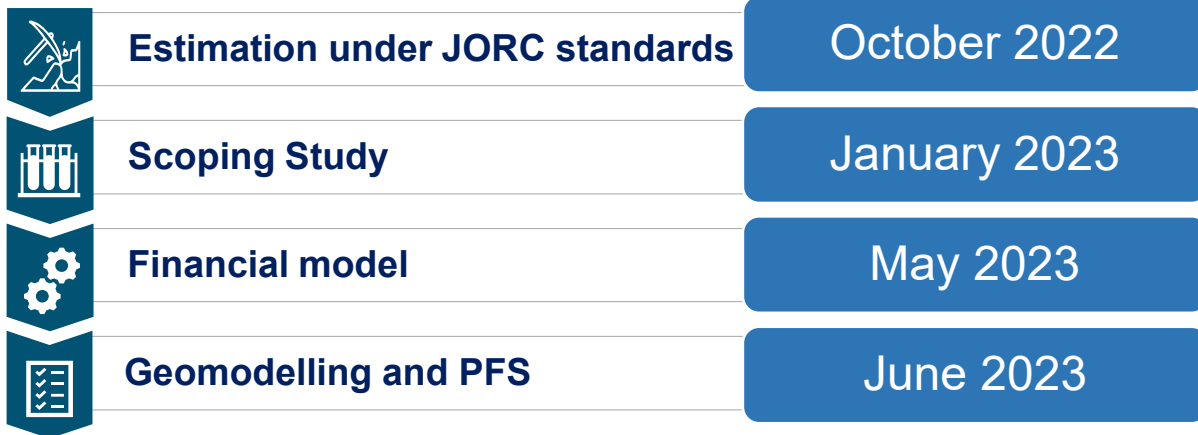
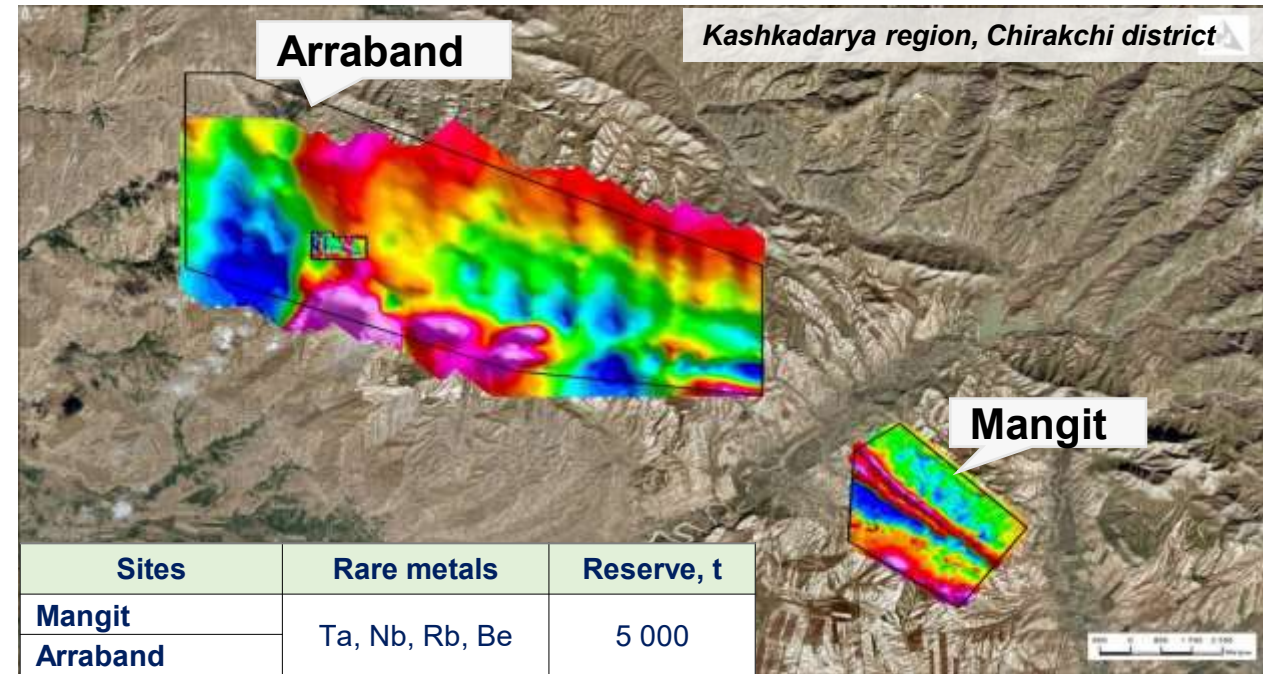
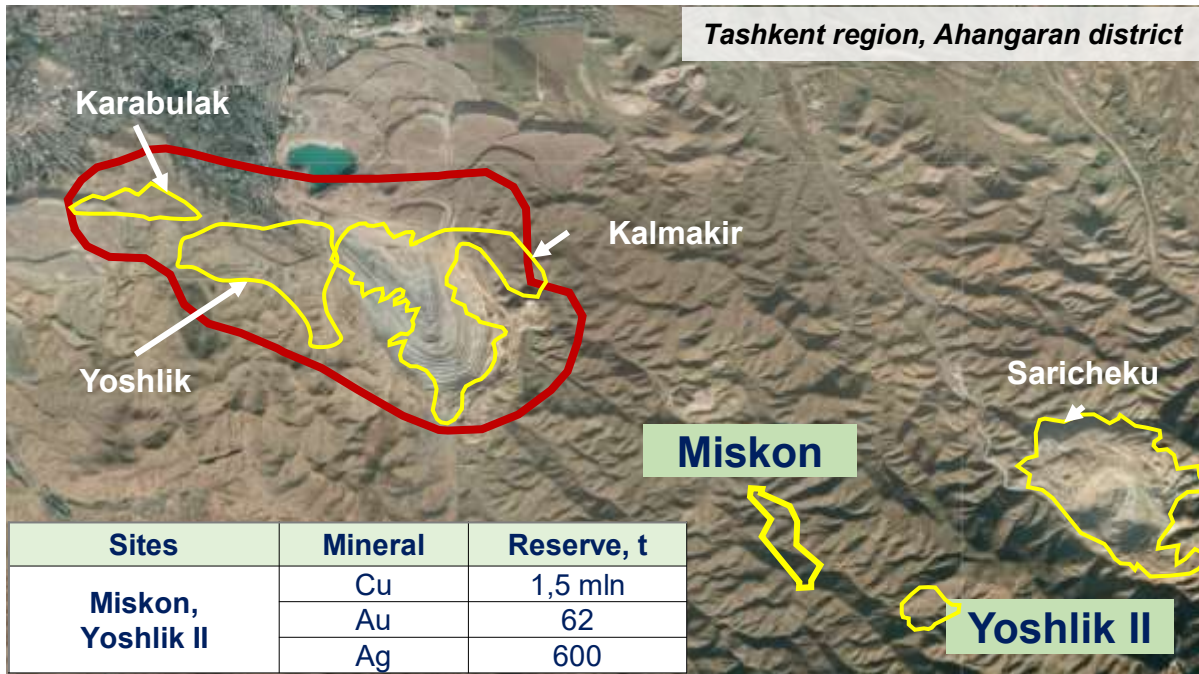
New licensing policy

- Implementation of block system for exploration under “**First come - First served**” principle
- Allotments based on online **auctions** and **international tenders**

Social and environmental settings

- Transparent **investment obligations**
- **Health & safety**, managing impacts on people and the environment

PROJECT PROPOSALS



Project capacity
100 000 tons of copper and by-products

Project cost
\$400 mln

International tender proposals



PROJECT PROPOSALS

ANGREN (kaolin)



Tashkent region
2 km to the North-West from Angren



Electricity - 1 km



Average contents
Al – 25 %



Kaolin reserves
300 millions tons



Project capacity
100 000 tons



Project cost
\$300 millions



Pure Aluminum
HPA 99,9%
accumulators

Aluminum
concentrate
SGA 99,5%

Enriched kaolin

Quartz sand

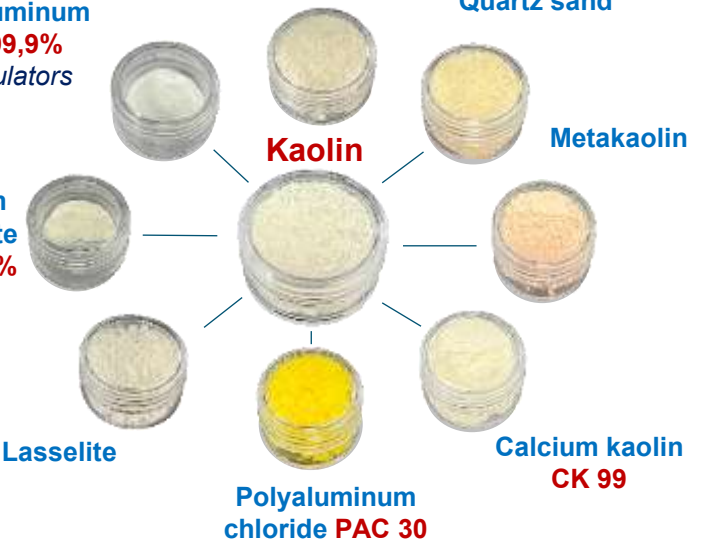
Kaolin

Metakaolin

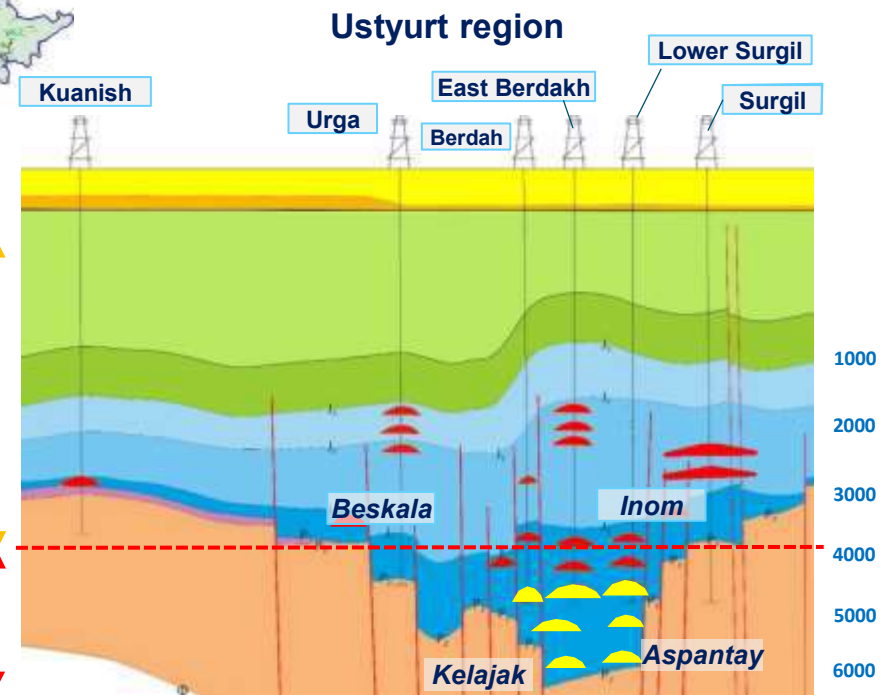
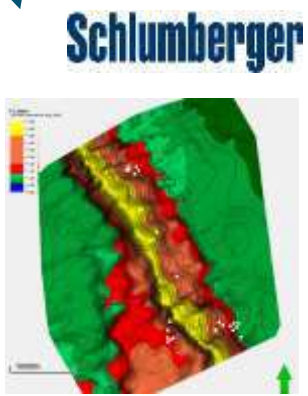
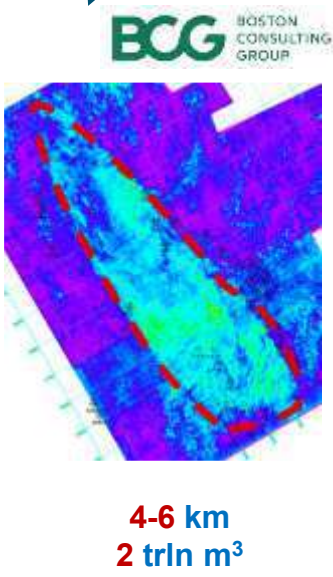
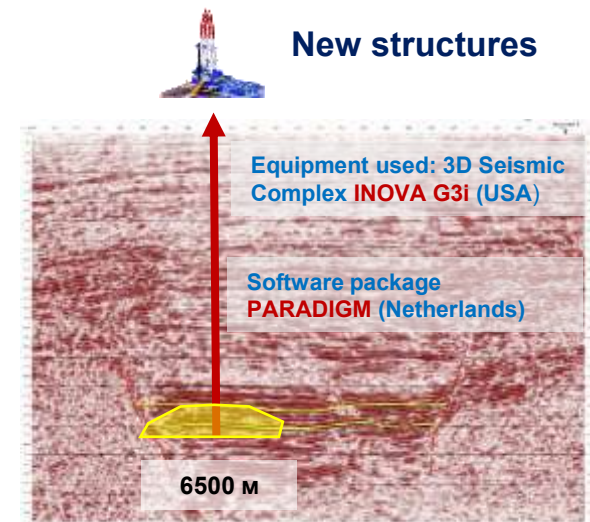
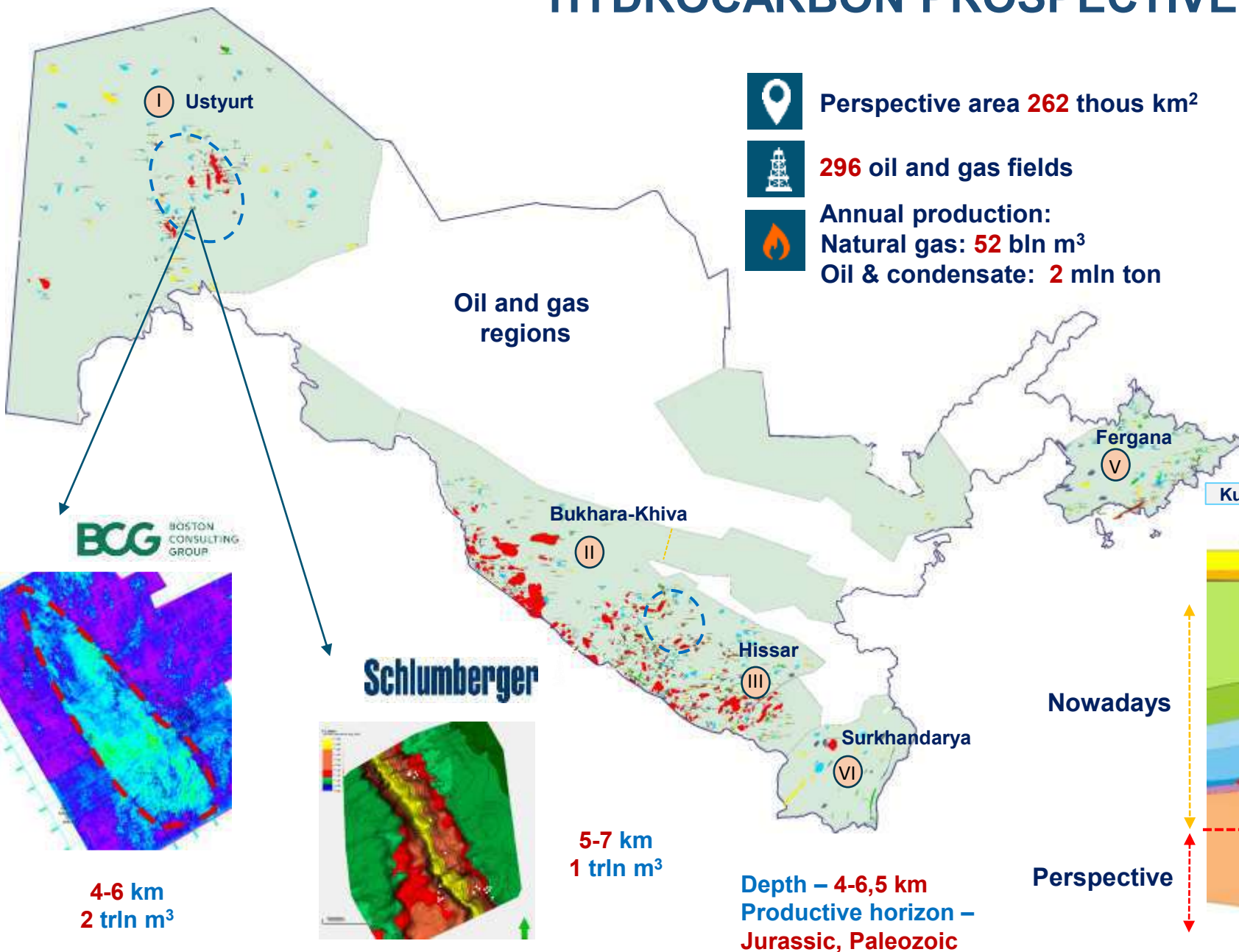
Lasselite

Polyaluminum
chloride **PAC 30**

Calcium kaolin
CK 99



HYDROCARBON PROSPECTIVES



HAVING,

- Favorable investment climate
- Stable investment legal framework
- Comprehensive Governmental support and incentives
- Diversified mining and processing industry and developed infrastructure
- Highly qualified local manpower
- Comparatively low cost workforce and energy resources

AND,

Rich mineral resources with wide opportunities for extraction and development of downstream production with added value,
Uzbekistan is highly attractive destination for cooperation and INVESTMENTS.





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