STATE COMMITTEE OF THE REPUBLIC OF UZBEKISTAN
ON GEOLOGY AND MINERAL RESOURCES
(GOSCOMGEOLGY)

MINERAL RESOURCES OF UZBEKISTAN
AND OPPORTUNITIES FOR PROJECT DEVELOPMENT

2015
Goscomgeology

- Regulative body for geological surveys and subsoil use
- Exploration for hydromineral resources, non-metals, ferrous, rare and rare earth elements and others
- Provision of comprehensive and high-quality geological information data base of minerals
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MONETARY VALUE
OF MINERALS IN SUBSOIL OF UZBEKISTAN

in billion USD

Oil, gas, condensate - 5 663
Salt, sulfur and others - 425
Potash, phosphates and others - 246
Precious metals - 369
Ceramics and glass raw material - 27
Graphite, basalt, talc, barite and others - 118
Ferrous, non-ferrous, rare and other metals - 685
Construction materials - 413

TOTAL VALUE - 7,9 TRILLION USD

Total value of mineral resources – 7,9 trillion USD
Uzbekistan ranks among the top 10 countries in the world based on resources of important minerals such as gold, uranium, gas, copper, potash, phosphates and other.

Uzbekistan is one of the leading producers of gold, uranium and gas.
Promising locations for discovery of new types of uranium mineralization in Uzbekistan

1. Unconformity type in fundamental rocks
2. Volcano-plutonic type
3. Epigenetic type. Areal and linear crusts
4. Barrier zone at the boundary of basement and mantle type
5. Karst-brecciated tubes and deposits type
6. Near-surface (bony-detrital) type
7. Placer deposit
8. Oil shales
Prospective zones for Rare Metals

About 40 rare-metal (niobium, tantalum, beryllium, lithium, rubidium, caesium) objects have been identified in the Main Tien-Shan rare-metal belt.
Since 2013, there performed geophysical, geochemical researches with modern technologies, equipment and high-precision exploration methods. In 2014, according to the perspectives of the area, there performed drilling works for further assessment of opportunities.

Copper
In 2013 together with British-Australian company Rio Tinto there started project on geological exploration works at Gava area in Namangan region potential for the discovery of copper and accompanying metals.
Foreign Experience Exchange

There promoted works on integration and study of foreign experience in geological field, with organizations as Rio Tinto, Ministry of land and natural resources of China, Korea Mine Reclamation Corporation MIRECO, Korean Institute of Geosciences and Mineral Resources KIGAM, India Remote Sensing Institute and others:

- Scientific and thematic works;
- Geological maps and GIS database;
- Modern technology and methodology of exploration;
- Experience exchange while in-situ and laboratory researches;
- Experience exchange in subsoil use management regulations;
- Trainings, courses, joint conferences, seminars and exhibitions.
Ongoing Projects

12 investment projects to enable commercial production of Si, U, W, Cu, Fe, RE, REE and others.

MAJOR PARTNERS
Rio Tinto (UK), JOGMEC (Japan), CGNPC (China), KORES, Shindong Enercom, NeoPlant, Shindong Resources (Korea) and others.
Opportunities for cooperation

Development of **Tebinbulak titanium-magnetite iron field** (iron ore, titanium, vanadium and others).

**Approved reserves – 745 mln tn (survey continues)**

**Pre FS under preparation**

**Project cost – about USD 600 mln. with further extension stage by stage**

Development of **oil-shale deposits** in Uzbekistan (Aktau, Baysun) with the extraction of hydrocarbons and metals (Mo, V, Ti, Zn, Co and RE).

**Project cost - about USD 800 mln.**

Geological exploration and development of **"black shale" type uranium deposits** Djantuar, Rudnoe, Koscheck) with separate extraction of uranium and vanadium.

**Project cost – about USD 120 mln.**
Opportunities for cooperation

There are also medium size investment proposals for development of such minerals, as **tungsten, manganese, vollastonite, talc, basalt, graphite, alunite ores, bentonite** and other.
HAVING,
✓ Favorable investment climate
✓ Diversified mining and processing industry
✓ Developed infrastructure
✓ Highly qualified local manpower
✓ Low cost energy resources

AND,
❖ Rich mineral resources,

_Uzbekistan is a unique destination for cooperation and investments._
THANK YOU FOR YOUR ATTENTION!

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