FUND FOR RECONSTRUCTION AND DEVELOPMENT OF THE REPUBLIC OF UZBEKISTAN

MINISTRY OF MINING INDUSTRY AND GEOLOGY REPUBLIC OF UZBEKISTAN

YANGI KON LLC was established in August 2022 on the basis of the Decree of the President of the Republic of Uzbekistan

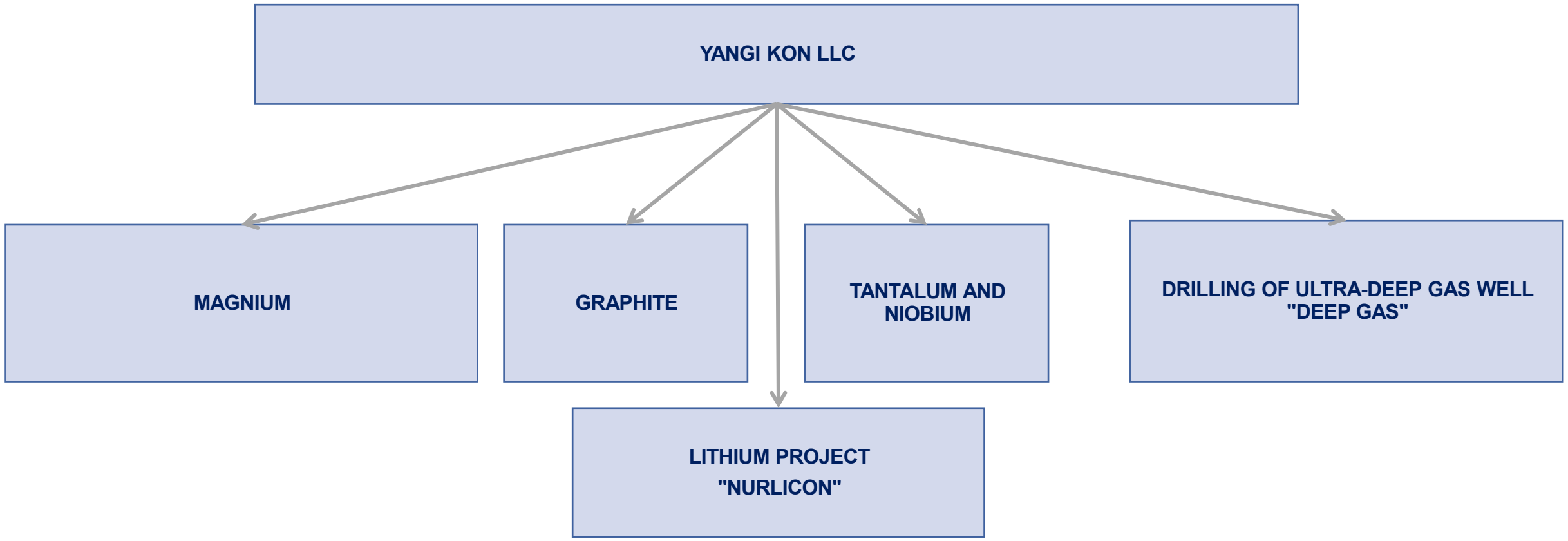
Identification of prospects for high-tech metals, involvement of modern technologies in their extraction and assessment of industrial development opportunities

Organization of modern production facilities with high added value based on domestic raw materials

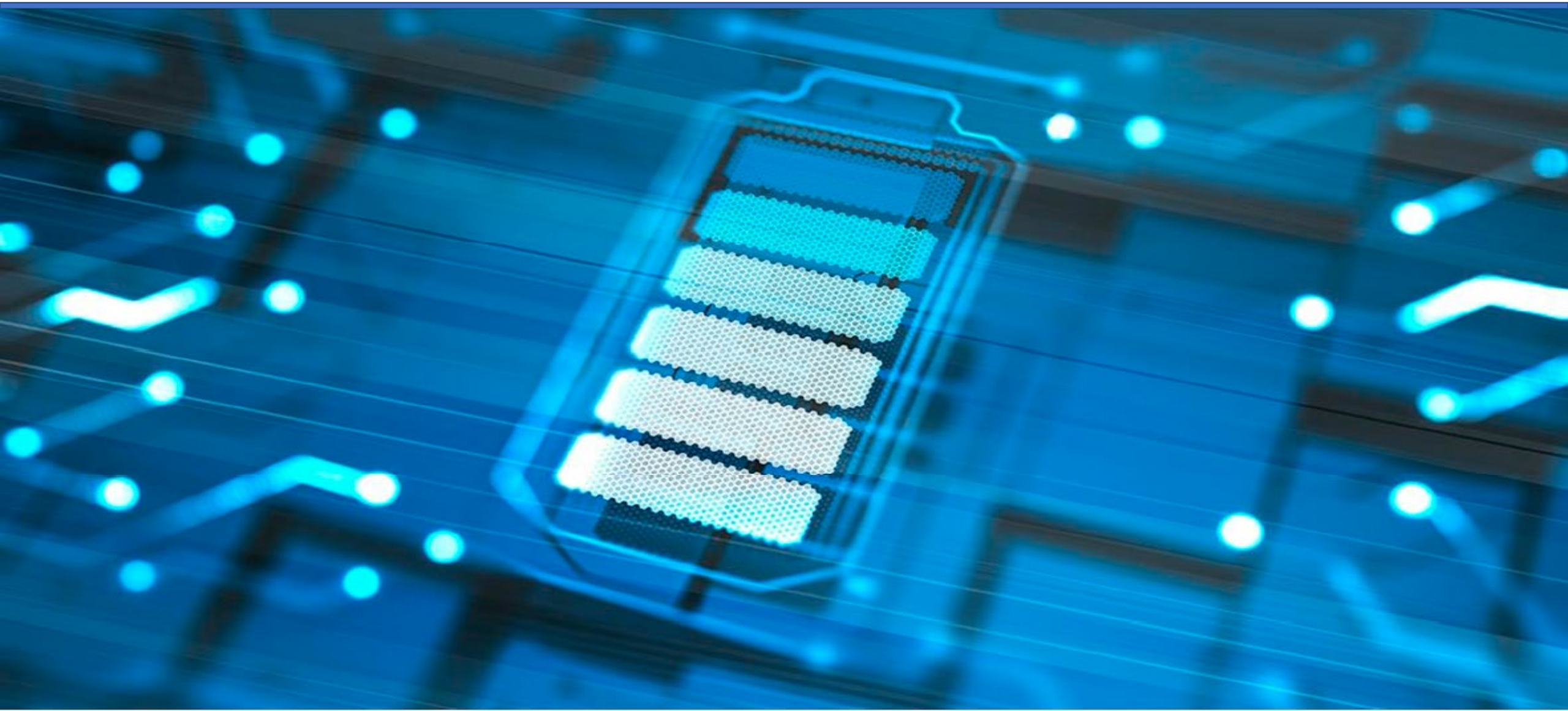
Exploring the potential of high-tech metals such as lithium, aluminum, copper, magnesium, Tantalum, niobium, and graphite and gas prospects

Organization of geological, laboratory studies, semi-industrial and technological tests

Preparation of investment project proposals


YANGI KON LLC
MAGNIUM
GRAPHITE
TANTALUM AND NIOBIUM
DRILLING OF ULTRA-DEEP GAS WELL "DEEP GAS"
LITHIUM PROJECT "NURLICON"

NURLIKON LITHIUM DEPOSIT DEVELOPMENT PROJECT



NURLIKON LITHIUM DEPOSIT DEVELOPMENT PROJECT

In response to global warming, the world's leading countries have set ambitious targets for reducing greenhouse gas emissions and changed government policies in terms of industry regulation, encouraging automakers to gradually switch to electric vehicles and the generation sector to renewable energy sources.

The condition for transition is the presence of rechargeable batteries (SLI), which are used as a source of energy for electric vehicles and as a device for managing electricity generation over time (for example, consuming energy from a solar power station at night). In this context, the rechargeable battery market is experiencing an active growth phase. According to expert estimates, in 2022, the lithium-ion battery (SLI) market amounted to approximately 790 GWh and is projected to grow to 3,780 GWh by 2030.

NURLIKON LITHIUM DEPOSIT DEVELOPMENT PROJECT

Works performed under the project

- ✓ A pre-commercialization scoping study has been designed to evaluate the Nurlikon lithium mine reserves.
- ✓ Based on the JORC standards, a project (MRE) has been developed.
- ✓ In preparation of the PFS, infill drilling was carried out on the Ashibuzuk and Central Shawaz areas.
- ✓ Analyses of geological samples from the internationally accredited laboratory Argetest and a conclusion on lithium carbonate extraction technology from McClelland Nevada and VNIIHT RF laboratories were obtained.

3
Li
литий
6.941
$2s^1$
1
2

Ore

26.7 M.t

Stockpiles

174.8 K.t

Confirmation Drilling (Number of wells, pcs)	110 pc wells - 23855 m.
Metallurgical testing work	2023
JORC standard report	September, 2023
PFS Report	November, 2023

NURLIKON LITHIUM DEPOSIT DEVELOPMENT PROJECT

Project Parameters (PFS)

Resources and geological parameters		
ORE	Ore reserves	**26.7 m. tons.**
	Conditions of occurrence	Layered sediments, inclination angle10-40°
	Lithium "Li" reserves	thousand tons of Li2O
	Depth	**0-250 м**

Potential production parameters		
	Ore processing per year	**1500** thousand tons
Li_2CO_3	Potential annual production of lithium carbonate	**17** thousand tons
	Project life cycle	**20** years
	Construction period	**2** years

Next steps of the project

- ✓ Study and update of the PFS documentation
- ✓ Development of basic engineering **2024-2025**
- ✓ Project realization **2025-2026**

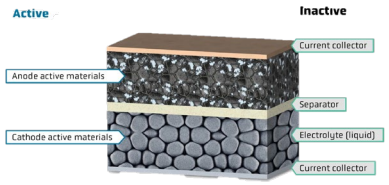
We are considering 5 business cases for localizing stages of battery cell production

Mining and Beneficiation

Lithium concentrate

Chemical production

Lithium carbonate

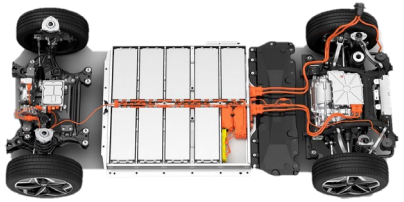


Active materials

Cathode and anode

Cell production

Cells



Battery production

Modules and blocks

Battery recycling

Obsolete batteries

Given the mineral resource base of the Republic of Uzbekistan, it can be confidently stated that it is possible to establish the entire production chain for manufacturing batteries for electric vehicles and energy storage within the Republic.

Thank you for your attention!

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