

Investment Opportunities in Exploration & Production

Strategic and Critical Minerals

Au
Co
Mo
Ti
Li
Zr
Be
Cr
Ni
Cu
Ta



State Geologic and
Subsoil Survey of
Ukraine



Ministry of Environmental
Protection and Natural
Resources of Ukraine





Key messages

Mineral resources base of Ukraine is able to meet the needs of the national industry and to facilitate its export potential.

Domestic enterprises consume mainly local raw materials for metallurgy, machine building and construction. Energy resources, agrochemical raw materials, non-ferrous metals and coking coal are imported in significant amounts, thus referring them to the **critical minerals** category.

Meanwhile, deposits of the so-called metals of a low-carbon future used in innovation technology are hardly produced. It is important now to increase their production and create beneficiation and primary processing capacities, as demand for them is expected to grow rapidly in the world market.

Available resources and prospects for production of metals of the future will enable development of new modern industries in the country. This flags their **strategic importance** for establishment of Ukraine on the global stage a in a new role.

The **Investment Atlas of Subsoil User** contains vacant subsoil fields with deposits of strategic and critical minerals for their purchase at e-auctions.



Strategic and Critical Minerals

Li Lithium	Ti Titanium	Ni Nickel	Co Cobalt	Cr Chrome	Ta Tantalum	Nb Niobium	Be Beryllium
Zr Zirconium	Sc Scandium	Mo Molybdenum	Au Gold	C Graphite	C_(x)H_(x) Hydrocarbons	U Uranium	

The list is not limited to the above mentioned



Lithium

- Ukraine possesses one of the largest lithium deposits in Europe with proved reserves and contingent resources.
- It is an ultralight metal used for manufacturing of cell phone batteries, computers and electric cars, glass and ceramics.
- There are two lithium fields and two explored prospective fields, as well as a number of promising accumulations.
- Nowadays Lithium is not extracted in Ukraine. One lithium field is licensed.

KRUTA BALKA license



- lithium ore, tantalum, niobium rubidium, cesium-containing ores
- exploration & development license
- Zaporizhzhia region
- 150 ha
- lithium oxide content – up to 0.86%
- contingent resources of rare-metal ore – 'for official use only' Information

Open for nomination

DOBRA license



- lithium ore accompanying minerals – oxides of tantalum niobium, rubidium cesium beryllium tin
- production license
- Kirovohrad region
- 90 ha
- lithium oxide content – 1.34–1.43%

Open for nomination

SHEVCHENKIVSKE license



- lithium ore accompanying minerals: tantalum, niobium beryllium ores
- production license
- Donetsk region
- 40 ha
- lithium oxide content – up to 0.6%

Is being prepared for e-auction

Lithium ore spots





Titanium

- Ukraine is among top ten countries in the world in terms of proven reserves of titanium ores and provides more than 6% of their global production.
- 27 discoveries and more than 30 prospective fields have been explored. The main titanium-containing mineral is ilmenite.
- Currently, only placer deposits are being developed, which are about 10% of all proven reserves. The rest is contained in indigenous deposits. Objects prepared for auction are placer deposits.
- Titanium and its alloys are used in aviation and missile technology, ship-building, machine building, food, medical industry and non-ferrous metallurgy.



SELYSHCHANSKA license



- titanium ore
- exploration & development license
- Zhytomyr region
- 1860 ha
- content of TiO_2 – 50–70 kg / m³

Auction
14.04.2021

MALYSHIVSKE (North-Western – 2) license



- titanium ores, zirconium; accompanying minerals – disten, sillimanite, staurolite
- exploration & development license
- Dnipropetrovsk region, Kirovohrad region
- 3310 ha
- contingent resources (thousand tons): Disten + sillimanite – 1408, staurolite – 568; zircon-rutile-ilmenite sands – 'for official use only' Information

Open for nomination

PIDLISNA license



- titanium ores, zircon
- exploration & development license
- Zhytomyr region
- 570 ha
- contingent resources (million tons): P₂ – 17

Open for nomination

BILOVODSKA license



- titanium ores, zirconium
- exploration & development license
- Sumy region
- 62 ha
- contingent resources of titanium-zirconium ores (thousand tons):
zircon – 11
rutile – 15
conditional ilmenite – 90

Open for nomination

KORCHAKIV license



- titanium ores, zirconium
- exploration & development license
- Sumy region
- 750 ha
- contingent resources of titanium-zirconium ores (thousand tons):
zirconium – 115
rutile – 137, conditional
Ilmenite – 925

Open for nomination

KHRAPIVSCHYNA license



- titanium ores, zirconium
- exploration & development license
- Sumy region
- 170 ha
- contingent resources of titanium-zirconium ore (thousand tons):
zirconium – 59
rutile – 75, conditional
ilmenite – 480

Open for nomination

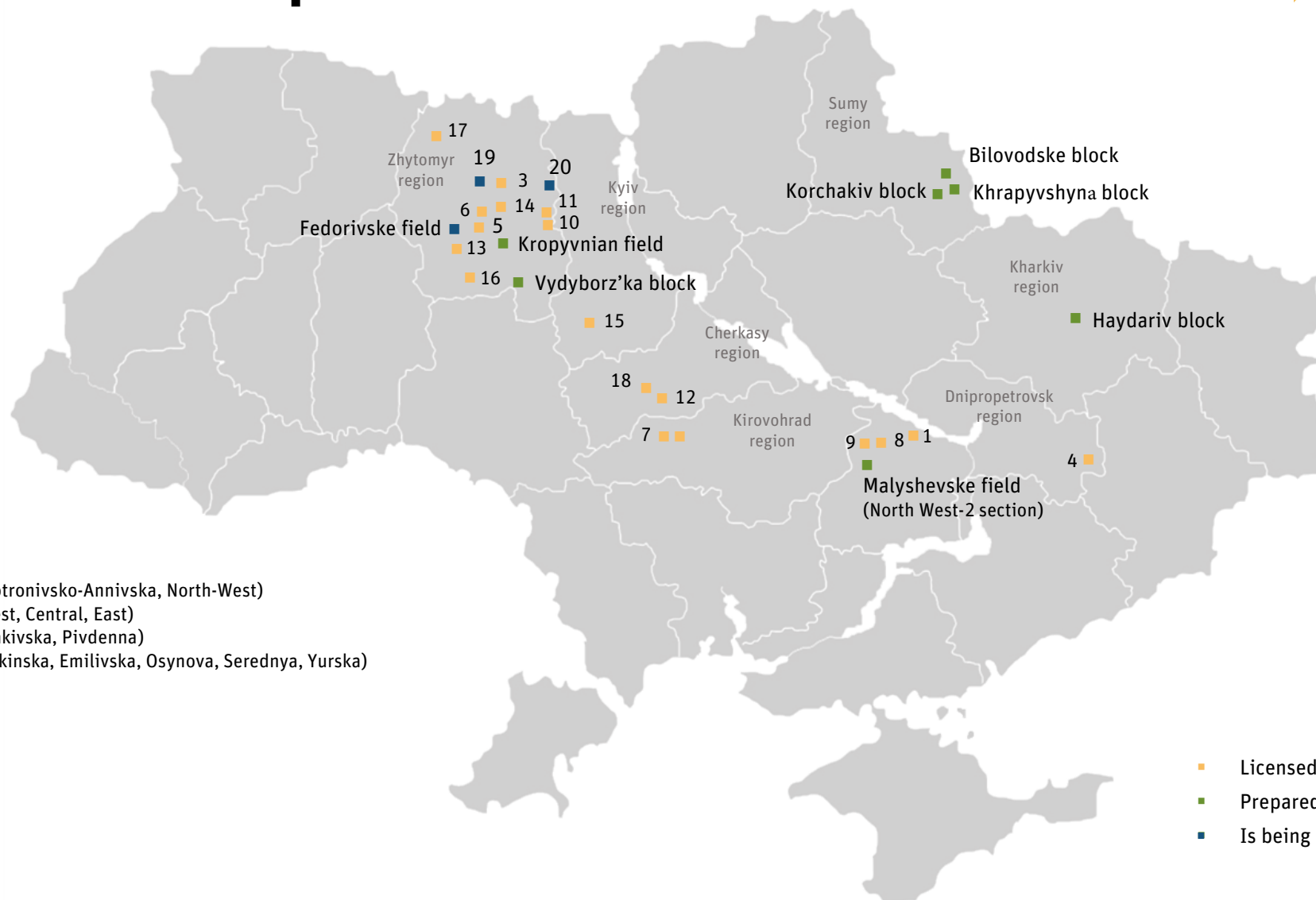
HAYDARIV license



- titanium ores zirconium
- exploration & development license
- Kharkiv region
- 971 ha
- reserves of titanium-zirconium ores
cat. P₂ (thousand tons):
ilmenite – 1759
zirconium – 402

Open for nomination

Titanium ore spots



1. Balka Kruta technogenic field
2. Birzulivske field
3. Valky-Gatskivske field
4. Vovchanske field
5. Krasnorichenske field
6. Livoberezhne field
7. Likarivske field
8. Malyshevske field (sections Motronivsko-Annivska, North-West)
9. Malyshevske field (sections West, Central, East)
10. Mezhyrichne field (sections Isakivska, Pivdenna)
11. Mezhyrichne field (sections Bukinska, Emilivska, Osynova, Serednya, Yurska)
12. Nosachivske field
13. Paromivske field
14. Stremyhorod field
15. Tarasivske field
16. Trostyanets field
17. Yurivska block
18. Avramivska block
19. Pidlisna block
20. Selyshchanska block

- Licensed blocks
- Prepared for e-auction
- Is being prepared for e-auction

Nickel, cobalt, chromium, copper, molybdenum

- Ukraine possesses considerable deposits of non-ferrous metals and imports significant volumes of those for its own needs.
- Explored fields and prospective fields are complex and mainly concentrated within the Ukrainian Crystalline Belt.
- The production of these minerals is either not carried out or is very limited.
- The estimated reserves are (thousand tons):
nickel – 215, cobalt – 8.8, chromium oxide – 453;
prospective resources (thousand tons):
chromium oxide – 3120, copper – 95.

PROSPECTIVE FIELD ZALISY-SHMEN'KY license



- ores of copper
- exploration & development license
- Volyn region
- 2337 ha
- content of Cu – up to 2.6%
- ore reserves (thousand tons):
cat. P₂ – 160

Sold for \$ 735 000
February, 2021

KARNAUKHIVSKA license



- nickel, cobalt, iron ores
- exploration license
- Dnipropetrovsk region
- 250 ha
- content of Ni – up to 0.7%
Fe – up to 36.05%
Co – up to 0.074%
- ore reserves (thousand tons):
Ni – 63, Co – 6, Fe – 3

Auction
15.04.2021

LYPOVENKIVSKE license



- ores of chromium, nickel
cobalt
- production license
- Kirovohrad region
- 42 ha
- the content of Co – up to
0.043%, Ni – up to 1.05%
- chromium ore reserves
(thousand tons) cat. C₁ – 1.061
ores of cobalt-nickel-silicate
cat. A+B – 4694
contingent – 3225

Open for nomination

VERBYNSKA license



- molybdenum ore
- exploration & development license
- Zhytomyr region
- 290 ha
- content of Mo – up to 2%
- resources (thousand tons)
cat.C₂: molybdenum ore – 1.792
Mo – 5; cat. P₁: molybdenum
ore – 90, Mo – 2.7

Open for nomination

ZHELEZNIAKY license



- ores of copper, nickel, cobalt
accompanying minerals –
platinum, palladium
- exploration & development
license
- Zhytomyr region
- 290 ha
- content of Ni – 0.66%
Cu – 0.063%, Co – 0.013%
- resources (thous. tons) cat. P₃:
Ni – 151, Cu – 14, Co – 3

Open for nomination

SUKHOKHUTIRSKA license



- ores of talc-magnesite
nickel, cobalt
- exploration & development
license
- Dnipropetrovsk region
- 127 ha
- content of Ni – up to 0.5%
- ore reserves (thousand tons)
cat. C₂: talc-magnesite –
75739, Ni – 73, Co – 4

Open for nomination

SHIDNOSERHIIVSKYI prospective field

- molybdenum ore
- exploration & development
license
- Dnipropetrovsk region
- 96 ha
- content of Mo –
0.023–0.11%
- resources (thousand tons):
cat. P₁ – 85.7
cat. P₂ – 78.3

Is being prepared for e-auction

Non-ferrous metal spots



- Licensed blocks
- Prepared for e-auction
- Can be nominated for an auction
- Auction



Graphite, tantalum, niobium, beryllium, zirconium, scandium

- Ore occurrence of graphite have been detected in 100 deposits, reserves are registered within six deposits, production is carried out within only two.
- Zirconium and scandium are concentrated in placer and indigenous deposits in significant quantities, however, their extraction is not carried out.
- Reserves of tantalum pentoxide, niobium, beryllium are registered within six deposits, production is carried out within Malyshevske and Vovchanske fields.
- Lipnyazhske, Tashlytske and Novostankuvatske prospective fields belong to one structure, there are also prospective fields of beryllium, lithium (Dobra license). Both licences are offered for exploration and can be considered as one investment project.



HORODNIAVSKA license



- graphite
- production license
- Khmelnytskyi region
- 105 ha
- content (thousand tons) of graphite ore cat. B – 28165
C₁ – 85225, B+C₁ – 113390
C₂ – 16586
graphite cat. B – 1736
C₁ – 4848, B+C₁ – 6584
C₂ – 898

Auction
31.03.2021

Technogenic field MAZURIVSKE (Eastern section)



- niobium ores, zirconium, feldspar
- production license
- Donetsk region
- 9 ha
- content of ZrO₂ – 0,172%
Nb₂O₅ – 0,095%
- feldspar reserves (thousand tons) cat. B+C – 826;
niobium, zirconium – 'for official use only' Information

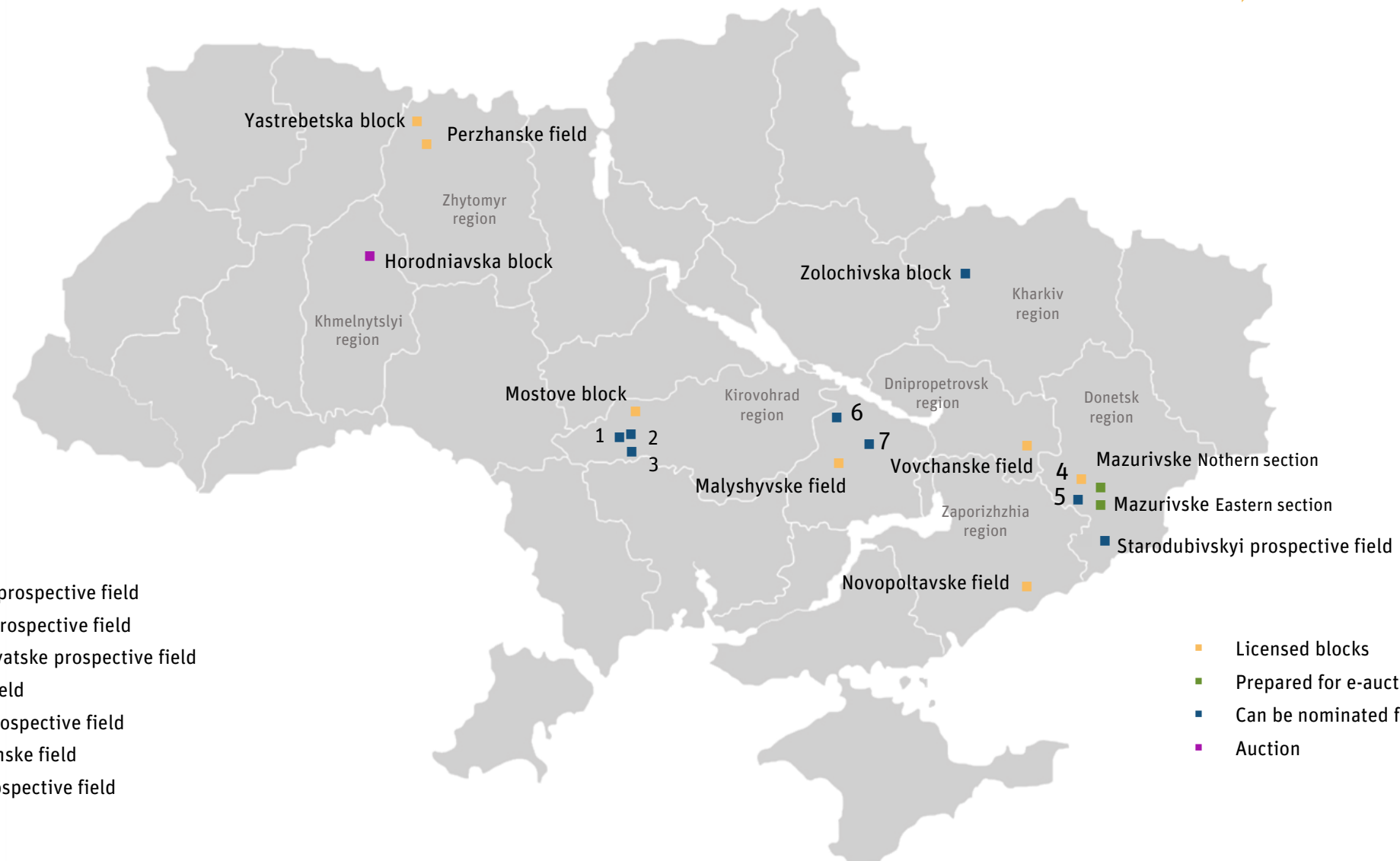
Open for nomination

ZOLOCHIVSKA license

- zirconium ores, titanium ores
- exploration & development license
- Kharkiv region
- 780 ha
- resources (thousand tons):
Zr – 87, rutile – 124
ilmenite (contingent) – 782

Is being prepared for e-auction

Rare earth minerals spots





Gold

- Ukraine has a gold ore reserves of 3000 tons and may take one of the leading places in gold mining in Europe.
- Seven fields have been discovered, five concession licenses have been issued, and production is currently carried out at Muzhiyvske field.
- New 5-years licenses for exploration and pilot development are open for e-auctions.

ZHOVTOVODSKA license



- Dnipropetrovsk region
- 1150 ha
- 29 wells drilled, total depth 7.4 thousand m
- accompanying mineral – niobium
- gold content – avg 1.22–2.78 g/t
min. 0.8 g / t; niobium – 20–50 g/t
- contingent resources
(thousand tons): P₁ – 16.5
P₂ – 12, P₃ – 11

Sold for \$ 205 000
December, 2020

BALKA SHYROKA license



- Dnipropetrovsk region
- 200 ha
- 285 wells drilled
total depth 92.5 thousand m;
the mine shaft's
depth – 168 m
- gold content – avg 7.1 g/t
min. 3.9 g/t
- contingent resources
(thousand tons):
P₁ – 12.5, P₂ – 15

Open for nomination

KVITKIVSKA license



- Odesa region
- 670 ha
- 25 wells drilled total depth –
8.9 thousand meters
- gold content – 0.1–14.7 g/t
- contingent resources
(thousand tons): P₂ – 40
- Kvytkivska and Mayska blocks
can be considered as a single
investment project

Open for nomination

MAISKA license



- Odesa region
- 250 ha
- 177 wells drilled,
total depth –
64,5 thousand m, mine shaft's
depth – 204 m
- gold content –
avg 3.4 g/t
- contingent resources (thousand
tons): P₁ – 22, P₂ – 19

Open for nomination

Gold ore spots



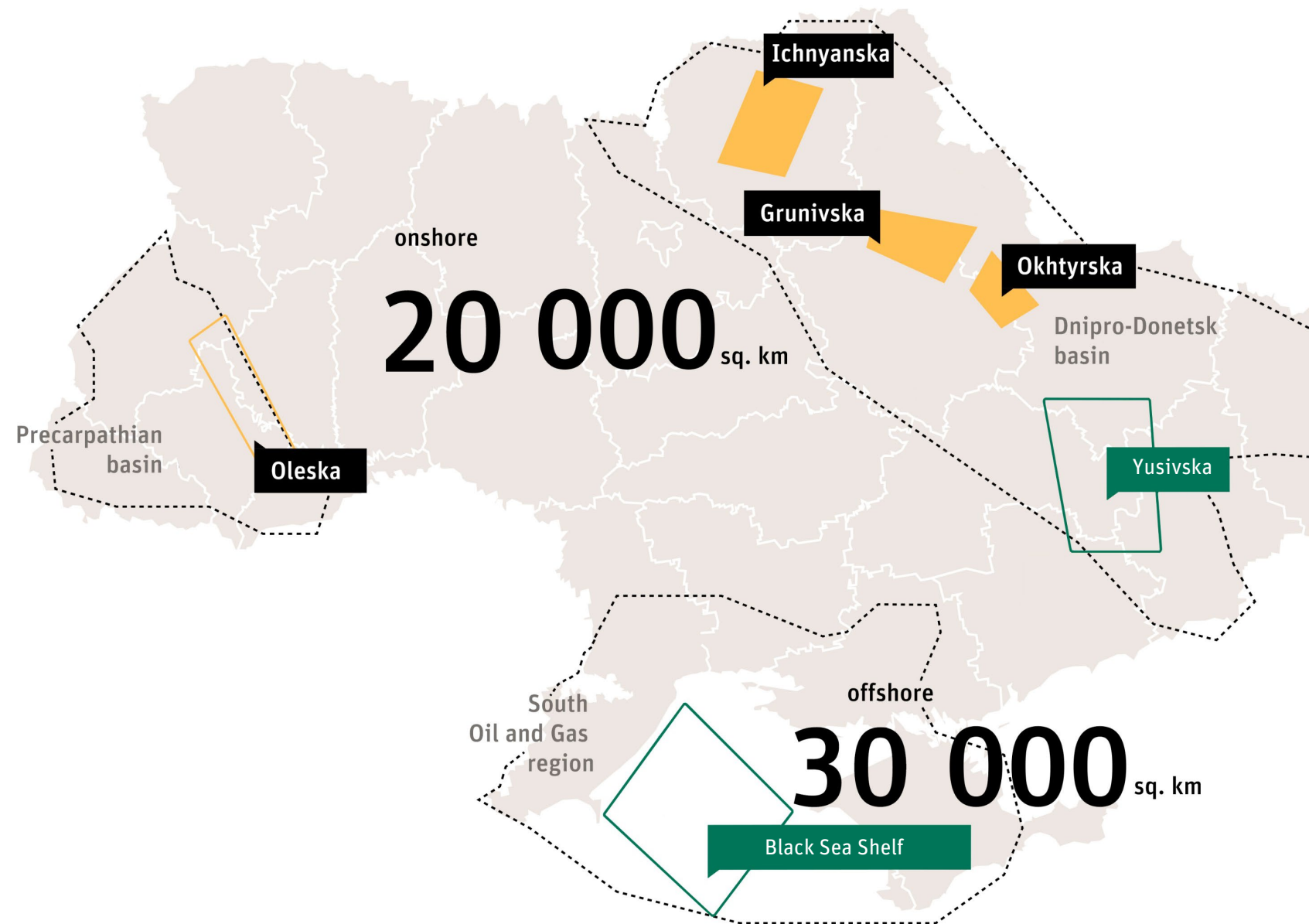
Hydrocarbons

Results

- Two concession licenses were sold via e-auctions
- Signing of 8 PSAs
- Re-launch of Yuzivska PSA
- Launch of offshore projects in the Black Sea

Plans

- Signing of new PSAs
- Re-launch of Oleska PSA
- New concession licenses prepared for e-auctions



YULIIVSKA field (ZOLOCHIV block)



- natural gas, condensate;
accompanying minerals –
ethane, propane, butanes
- production license for 20 years
- Kharkiv region
- 14 km²
- developed & undeveloped
reserves:
natural gas – 1128 million m³
condensate – 251 thousand tons

Auction
21.04.2021

SCHERBAKIVSKO- SHKURUPIIVSKA license



- oil, natural gas
condensate
- exploration & production
license for 20 years
- Poltava region
- 100 km²
- contingent resources
of hydrocarbons –
50–100 thousand tons / 1 km²

Auction
21.04.2021

PSA OLESKA license



- hydrocarbons
- exploration & production
license, till 2063
- Lviv region,
Ivano-Frankivsk region
- 6300 km²
- contingent resources of
unconventional gas – 3 trillion m³
- «Nadra Oleska» LLC
is a license holder

Open for nomination

SOUTH-RUSANIV license



- hydrocarbons
- exploration & production license for 20 years
- Sumy region
- 310 km²
- inferred resources (class code 334):
natural gas – 3.33 billion m³

Open for nomination

ANDRIIVSKA license



- oil, natural gas condensate
- exploration & production license for 20 years
- Poltava region
- 50 km²

Is being prepared for e-auction

ZHUKIVSKA license



- oil, natural gas condensate
- exploration & production license for 20 years
- Poltava region
- 60 km²

Is being prepared for e-auction

■ Detailed geological information

Metallic minerals

Kirovgeology (uranium, gold)

Chief geologist Oleksiy Mychaylychenko

tel. 068 598 5095, amgeo2017@gmail.com

Ukrainian Geological Company (lithium, non-ferrous metal)

CEO Bohdan Slobodian

tel.: 095 444 2168, sbiv@ukr.net

SE «Geoinform» (lithium)

Chief geologist Natalia Kovalenko

tel.: 044 456 3027, natashakovalenko8@gmail.com

State Commission of Ukraine on Mineral Resources

Deputy Head Vadym Karly – tel.: 044 284 9357

Oil and gas deposits

SE «Ukrnaukageocentr» (Ukrainian Scientific Geological Center)
(reports, well geodata)

Deputy Chief geologist Sergiy Vynogradov

tel.: 050 289 6897, vynograd63@gmail.com

SE «Ukrgeophysics» (seismic data and processing)

Chief geologist Ivan Semchuk – tel.: 050 304 6448

NJSC «Nadra of Ukraine» (Oleska PSA)

First Deputy Chairman of the Board Sergiy Paiuk

tel.: 044 454 1502, S.paiuk@nadraukrayny.com.ua

■ Auctioning

State Geologic and Subsoil Survey of Ukraine

Head of Auction Department Valeria Olefir

tel.: 044 456 6056, valeriyaolefir@gmail.com

Head of international cooperation

Mykhaylo Kamasa

tel.: 044 456 2357, m.kamasa@geo.gov.ua

■ Assistance in selection of fields for investment

SE «Geoinform»

Director of the Geological and Economy Expertise Center

Maya Tkachenko – tel.: 097 431 2350, mvtk@ukr.net

■ Support on doing business in Ukraine

UkraineInvest

Investment Advisor Andrii Pavliv

tel.: 044 256 78 32

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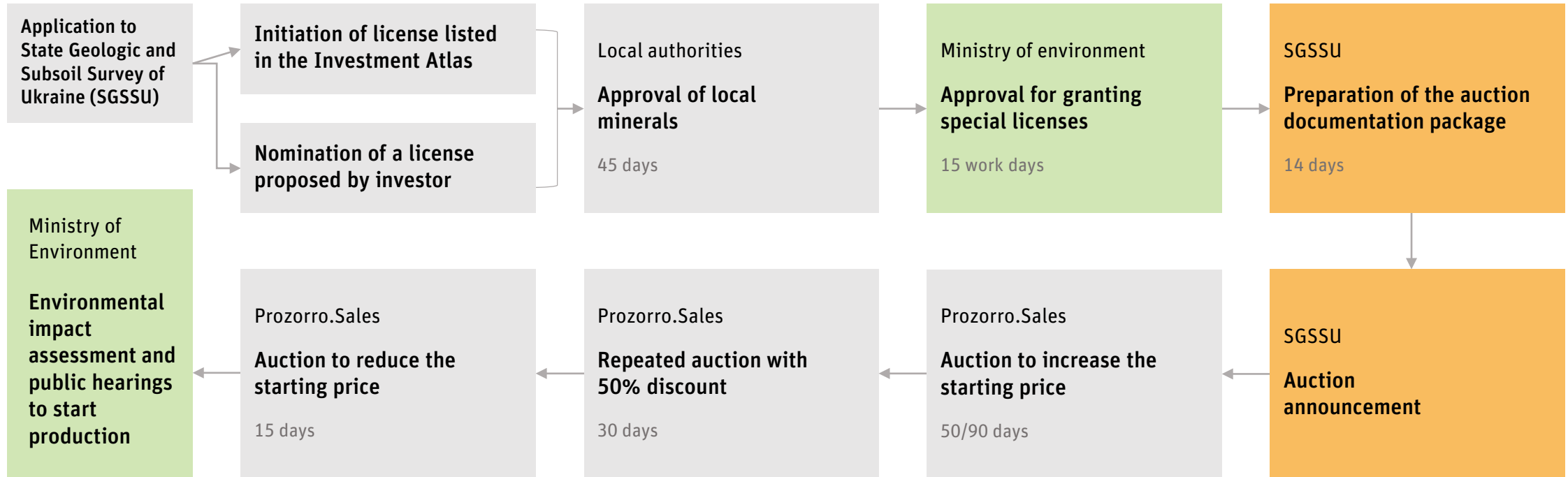
andrii.pavliv@ukraineinvest.gov.ua

■ Membership



Annexes

Obtaining a Special Permit (License) through E-auction



Winner:

1. Signs the protocol of auction
2. Pays a fee to the exchange operator
3. Concludes a contract of purchase and sale of a special license
4. An agreement on compensation of state expenses for exploration works is concluded
5. Pays the fee to the state budget
6. Concludes an agreement on terms and conditions of subsoil use
7. Receives a license

Cabinet of Ministers Resolution № 993 dated September 23, 2020

Ukrainian Government announced the Open Door Policy for foreign investors

Farm-in

Partnerships with
current license holders

Concession

Easy way to obtain E&P license for
up to 20 years through e-auctions

PSA

Agreement with the Government for
up to 50 years with fiscal stability
and international arbitration clauses

The Government encourages new upstream investments

Incentives

- ▶ up to 30% compensation of investments
- ▶ tax relief: exemption of income tax for up to 5 years, VAT and customs duties for importing new equipment
- ▶ land plots allocation
- ▶ infrastructure settlement

Project requirements

- ▶ processing and enrichment
- ▶ > € 20 millions of investment
- ▶ > 80 jobs created
- ▶ > 30% CAPEX
- ▶ < 5-year project implementation period

Licensed fields and open offers

Existing Concession licenses				Concession licenses offers		
Activity	Owner	Type of activity	Terms	Activity	Region	Type of activity
Lithium ores						
Polokhivske field	Ukrliityvydobuvannya	production	2017–2037	Shevchenkivske field Balka Kruta block Dobra block	Donetsk Zaporizhzhia Kirovohrad	production exploration exploration
Nickel, cobalt, copper chromium						
West Lashchiv block	VIP-Trade	production	2016–2026	Zheleznyaky block	Zhytomyr	exploration
Zhyrychi field	Volynpryrodrurs	production	2017–2037	Lypovenkivske field	Kirovohrad	production
South Rafalivskiyi prospective field	NorthWest Mining	exploration	2016–2021	Karnaukhivska block	Dnipropetrovsk	exploration
Prutivskiyi prospective field	Colormet of Ukraine	exploration	2019–2024	Sukhohutirska block	Dnipropetrovsk	exploration
Kapitanivske field(South,Central sections)	Mine Extraction LLC	production	2019–2032	Zalisy-Shmen'ky prospective field	Volyn	exploration
Tantalum, niobium, apatite-rare metal ores						
Vovchanske field	Demurinsky Mining and Processing Plant	exploration*	2002–2031	Mazurivske field (North section)	Donetsk	exploration
Malyshevske field	JSC UMCC	production*	2007–2027	Mazurivske tecnogenic field (East s.)	Donetsk	production
Novopoltavske field	Volyn Mining and Chemical Company	exploration	2009–2029	Lypnyazkyi prospective field	Kirovohrad	exploration
Mostove block	Taurus Infinity	production	2019–2029	Tashlytskyi prospective field	Kirovohrad	exploration
Novostankuvatske prospective field				Kirovohrad		
Beryllium, zinc						
Perzhanska field	Perzhanska Ore Company	production	2019–2039	Lypnyazkyi prospective field	Kirovohrad	exploration
				Tashlytskyi prospective field		
				Novostankuvatske prospective field		
				Kirovohrad		
				Kirovohrad		
Zirconium, scandium, rare earth elements						
Yastrebitska block	CFR Group LLC	exploration	2009–2024	Azovske field	Donetsk	exploration
Anadolske field	RM Minings LLC	production	2019–2034	Zhovtorichynske field	Dnipropetrovsk	exploration
				Hurivskiyi prospective field		
				Starodubivskiyi prospective field		
				Dianivskiyi prospective field		
				Zolochivska block		
				Donetsk		
				Donetsk		
				Kharkiv		
Molybdenum						
Chervona block	Rud Investium	exploration	2020–2025	Verbynska block	Zhytomyr	exploration
				Skhidnoseriivskiyi prospective field		
				Dnipropetrovsk		

* In production

Titanium: zircon-rutile-ilmenite-apatite placers, scandium						
Tarasivske field Balka Kruta technogenic field Vovchanske field Yurivska block Stremyhorodske field Livoberezhne field Trostyanetske field Mezhyrichne field (Isakivska, South s.) Mezhyrichne field (B., E., O., S., Y. s.) Malyshevske field (C., E., W. sections) Malyshevske field(M.-A.,N-W sections) Valky-Gatskivske field Byrzulivske field Likarivske field Nosachivske field Paramivske field Krasnorichynske field Avramivska block	Rutile-ilmenite company Koliorovi metaly Demurinsky Mining and Processing Plant Titanium-apatite group Valki Ilmenite Zhytomyrburrozvidka Zhytomyrburrozvidka Joint Mining and Chemical Company Mezhyrichensk MCC Joint Mining and Chemical Company Motronivsk MCC Valki Ilmenite Velta Velta TioFab Zhytomyrburrozvidka Zhytomyrburrozvidka TsentUkrGeologiya	production production * production * exploration production production production * production * production * production * production * production * production * production production exploration exploration exploration	2012–2032 2003–2033 2002–2031 2019–2024 2004–2032 2013–2033 2004–2034 2015–2035 2002–2032 2007–2027 2013–2033 2001–2031 2015–2023 2019–2039 2007–2027 2013–2017 2013–2017 2020–2025	Malyshevske field (North West sections) Kropyvniian field Vydyborz’ka prospective field Fedorivske field Korchakiv prospective field Bilovodskyi prospective field Haidarivskyi prospective field Khrapivshchyna prospective field Pidlisna block Selyshchanska block	Dnipropetrovsk Zhytomyr Zhytomyr Zhytomyr Sumy Sumy Kharkiv Sumy Zhytomyr Zhytomyr	production production exploration production exploration exploration exploration exploration exploration exploration
Gold ore						
Muzhiivske field Sauliak field Serhiivske field Bobrykivske field Klyntsivske field Berehivske field Kvasivske prospective field Zhovtovodska block	Karpatska Rudna Company Sauliak Stone processing company of Ukraine Donetskyi Kryazh Lyra Mine Minerals Karpatska Rudna Company Western Geological Explorational Company Spys Ukrayina	production * production production production exploration exploration exploration	2012–2032 2010–2030 2010–2030 2013–2018 2019–2034 2020–2024 2019–2022 2021–2025	Zolota Balka field Balka Shyroka block Kvitkivska block (East, Central sections) Maiska block	Dnipropetrovsk Dnipropetrovsk Odesa Odesa	production exploration exploration exploration
Uranium						
Central field Michurynske field Vatutinske field Novokostyantynivske field Mykhailivska block Novohurivska block Safonivska block Surska block	SkhidGZK SkhidGZK SkhidGZK SkhidGZK Nuclear Energy Systems Of Ukraine Nuclear Energy Systems Of Ukraine Nuclear Energy Systems Of Ukraine Nuclear Energy Systems Of Ukraine	production * production * production * production * exploration exploration exploration exploration	1997–2037 1997–2032 2002–2037 2027–2036 2018–2021 2018–2021 2018–2021 2018–2021	Apreske field Dokuchaevske field Lisne field Litnie field Partyzanske field Severynske field Sadova block Khrystophorivska block	Kirovohrad Kirovohrad Kirovohrad Kirovohrad Kirovohrad Kirovohrad Mykolaiv Kirovohrad, Dnipropetrovsk	production production production exploration exploration production exploration exploration
Graphite						
Zavallivske field (Zarichna section) Zavallivske field (South-East section) Balakhivske field (South section)	Pobuzhzhya’s Development LCC Zavally Grafit Kombinat Ukrainian supply group	production * production production	1996–2035 2019–2039 2019–2039	Burtynske field (Horodnyavska section) Burtynske field (Khmelivska section) Mlynkivska prospective field	Khmelnyskyi Khmelnyskyi Kirovohrad	production exploration exploration

Mineral resource base of Ukraine

key minerals used by domestic industry

Metallurgy	Proved reserves, ¹ mln tons	Annual production mln tons	Export/import USD mln
iron ore	18836.5	157.4	+3400
manganese ore	2167	3.9	-210
coking coal	12096.3	8.5	-260
flux limestone	2253.4	4.9	-47
dolomite	365.8	0.98	-7
bentonite clays	60.3	0.1	-
kaolin (secondary)	78.4	0.45	+54
molding sands	672.5	8.0	0
chrome	0.453	-	-6
molybdenum	-	-	-7
vanadium oxide	0.0155	-	-10

Construction industry	Proved reserves, ¹	Annual production	Export/import USD mln
construction sands	298 mln m ³	12.5 mln m ³	+4
primary kaolin	365.5 mln t	1.2 mln t	none data
building stone	7898 mln m ³	27.2 mln m ³	none data
facing stone	333.4 mln m ³	0.577 mln t	+7

Mechanical engineering, electrical industry	Proved reserves, ¹ thous. tons	Annual production thous. tons	Export/import USD mln
aluminum	6403	-	-220
lead	301.5	-	-0.1
zinc	723.8	-	-0.1
copper	-	-	-0.1
nickel	215.6	-	-68
cobalt	8.83	-	+0.4
titanium (ore)	classified	550	+154
lithium	classified	-	-
tantalum oxide	classified	0.42	-
niobium oxide	classified	-	-
beryllium	11.4	-	-
zirconium oxide	classified	15.6	+22
scandium oxide	classified	0.032	-
hafnium	4.9	0.28	none data
graphite	13760.7	1.5	+1

Notes:

1. Categories A+B+C₁ (according to the Ukrainian national classification)
2. Category C₂ (according to the Ukrainian national classification)
3. Petroleum products and LPG account for 5.5 and 0.780 million dollars.
4. 70% of nuclear fuel is made of foreign uranium

Fuel and energy complex	Proved reserves, ¹ mln tons	Annual production mln tons	Export/import USD mln
natural gas	680 bln m ³	20.7 bln m ³	-2900
gas of compacted rocks	98 bln m ³	-	-
oil	94	1.7	-6580
condensate	37	0.8	-
anthracite coal	6089.2	25.5	-2800
uranium (ore)	classified	classified	-520
peat	644.38	0.6	-3

Agrochemical industry	Proved reserves, ¹ mln tons	Annual production mln tons	Export/import USD mln
apatite	71.9	-	-
phosphorite	11.1	-	-13
magnesite	105	-	-50
potassium salts	250	-	-50
native sulphur	100	-	-27

Source:
State research and production enterprise
«State Information Geological Fund of Ukraine»,
State Statistics

Procedure for Granting Access to Geological Information Designated as «For Official Use Only»

Step 1

- a letter of request shall be sent to the head of SGSSU with a request to be made aware of the geological information

Step 2

- SGSSU shall make a decision on granting access for making aware of the geological information designated as «For Official Use Only»

Step 3

- a subsoil user gets access to the information for making aware in the information repository premises
- a requesting company enters into a non-disclosure agreement with SGSSU

Additionally for foreign investors

A letter of request shall be accompanied with copies of identity documents confirming affiliation to a company operating in the field of subsoil use, indicating the purpose of being made aware of information

Forbidden!

- To transfer data to third parties
- To copy information
- To remove documents from the information repository

Procedure for Granting Access to Geological Information Designated as «Secret»

(balance reserves in the country and uranium)

Step 1

a letter of request shall be sent to the head of SGSSU with a request to be made aware of the geological information

Step 2

SGSSU provides access to information on the basis of an agreed list with the Security Service of Ukraine

Step 3

the requesting company shall enter into a non-disclosure agreement with SGSSU

Important: the subsoil user's representative shall obtain the respective level of access – «For Official Use Only», «secret» – provided by the Department of Protection of National Security Information of the State Security Service upon request of a company

Forbidden!

- To transfer data to third parties
- To copy information
- To remove documents from the information repository

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