

CURRENT STATUS OF THE STATE SUBSOIL FUND OF UKRAINE RESOURCE MANAGEMENT. DIRECTIONS FOR DEVELOPMENT



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Demand for a balanced resource management system



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SUBSOIL CODE OF UKRAINE

CLAYS AND SAND

QUARTZ SAND
large deposits, middle sized deposits, small deposits

FIRE CLAYS
large deposits, middle sized deposits, small deposits

HIGH-MELTING CLAYS
large deposits, middle sized deposits, small deposits

FOSSIL FUELS
natural gas, oil, oil and natural gas

METAL ORES
iron ores, manganese ores, titanium ores

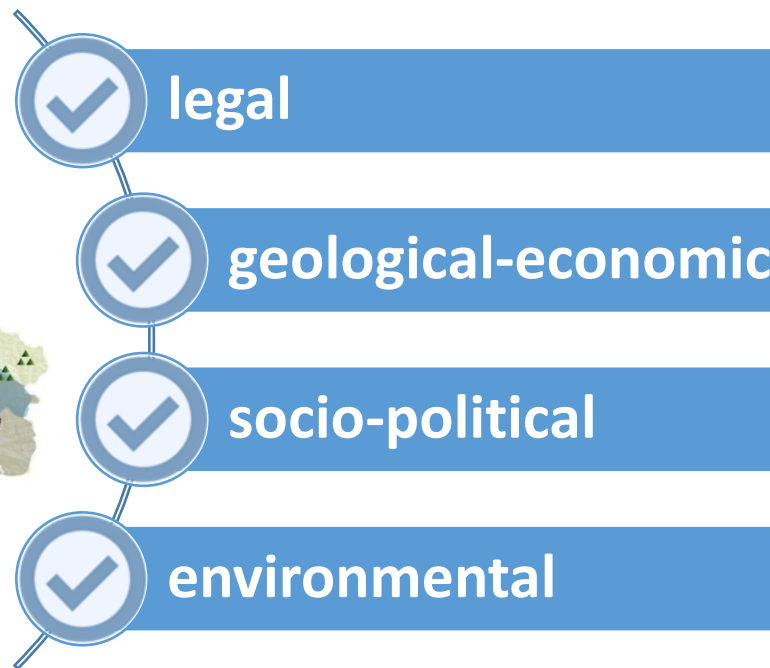
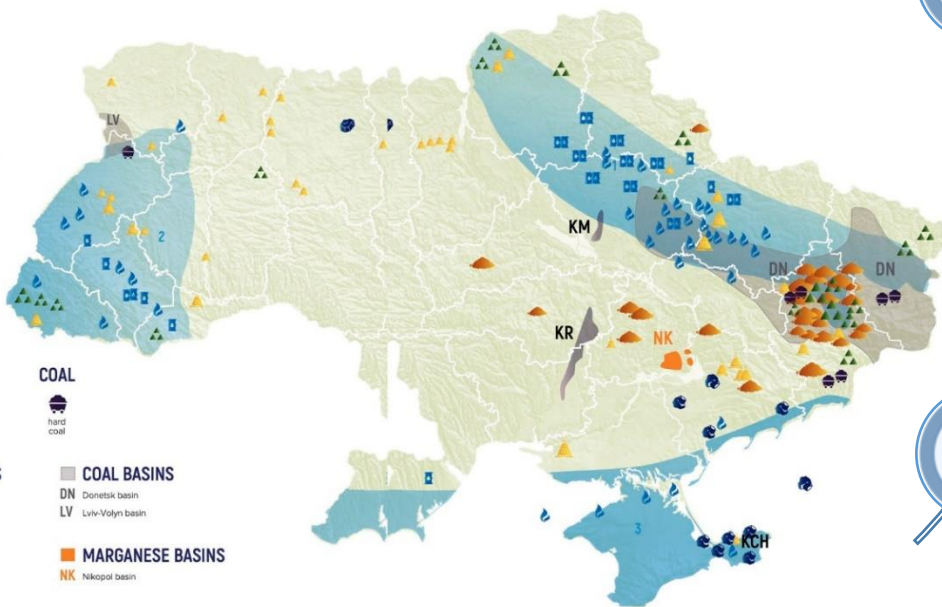
COAL
hard coal

OIL AND GAS REGIONS
1 East oil and gas region
2 West oil and gas region
3 South oil and gas region

IRON ORES BASINS
KM Kremenchuk basin
KR Kyiv/Rh basin
KCH Kerchensky basin

COAL BASINS
DN Donetsik basin
LV Lviv-Volyn basin

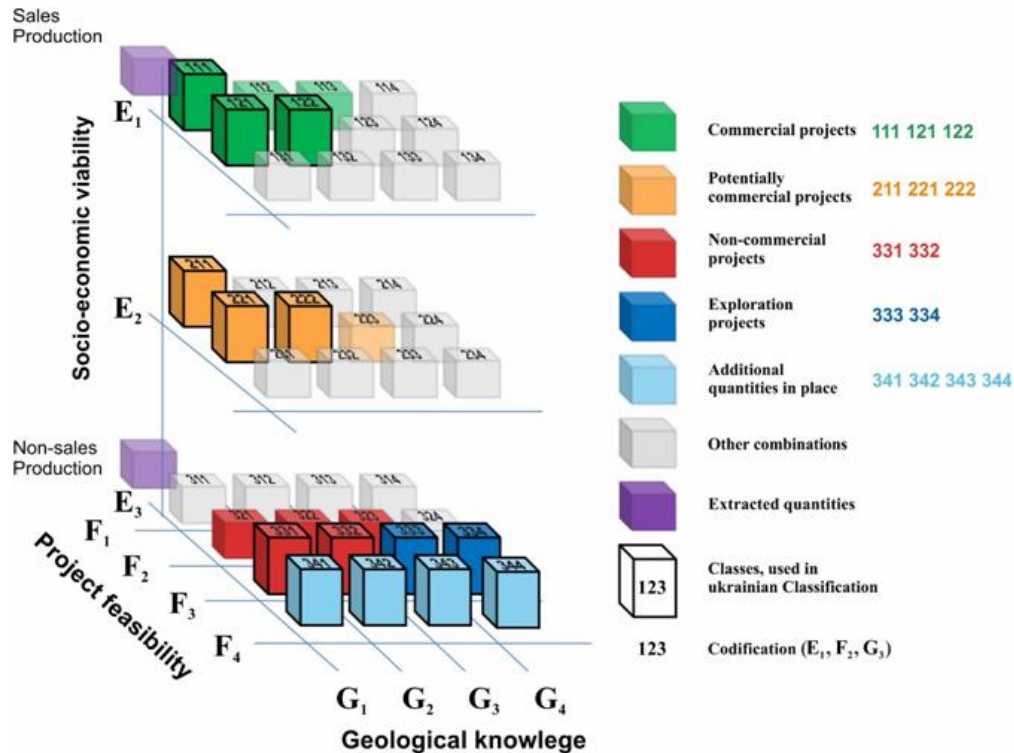
MARGANESE BASINS
NK Nikopol basin



Classification of Mineral Reserves and Resources of Ukraine



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- ✓ resource study methodology
- ✓ quantitative and qualitative resource characterization
- ✓ formation and record-keeping of state resource accounting
- ✓ terms of obtaining and using resources
- ✓ periodic analysis of resource use efficiency

Classification approved by the Resolution of the Government of Ukraine dated 05.05.1997 № 432.



Resolution of the Government of Ukraine:
№ 850 dated 05.07.2004
№ 264 dated 26.03.2008

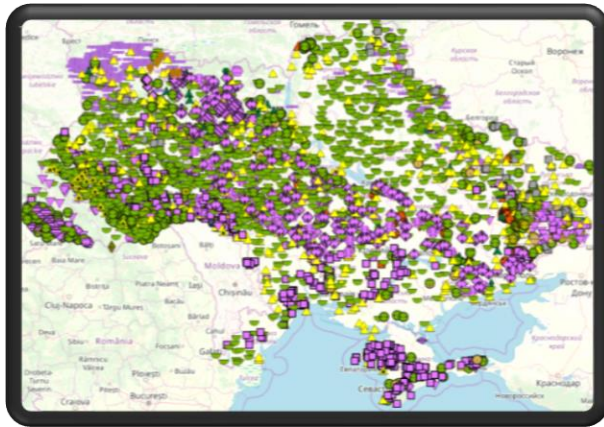


Resolution of the Government of Ukraine:
№ 764 dated 19.09.2018

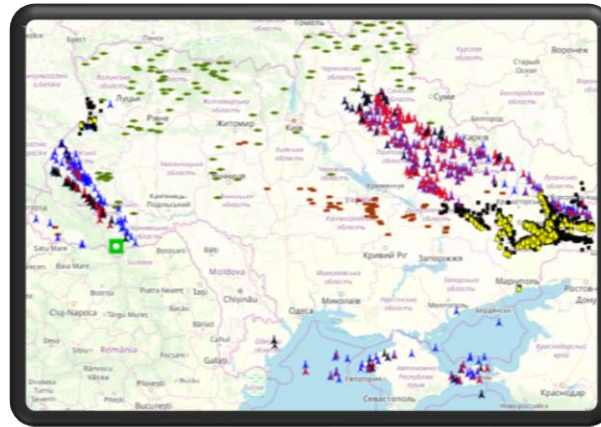
STATE SUBSOIL FUND OF UKRAINE



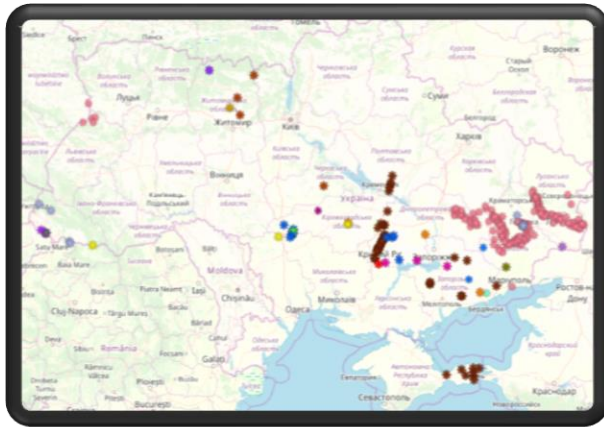
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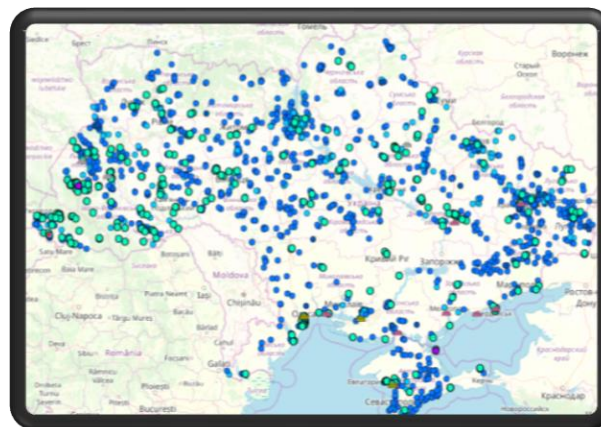
NON-METALLIC



COMBUSTIBLE



METALLIC



GROUNDWATER

Deposits

(accounted / licensed objects/ vacant objects)

| | | |
|--|-----------|------|
| Metallic | 177/49 | 128 |
| Non-metallic | 4895/1173 | 3722 |
| Oil and gas | 467/285 | 182 |
| Coal | 959/337 | 622 |
| Peat | 1983/682 | 1301 |
| Sapropel | 309/4 | 305 |
| Mining waste | 13/4 | 9 |
| Groundwater, technical and mineral water | 1501/732 | 769 |

Occurrences

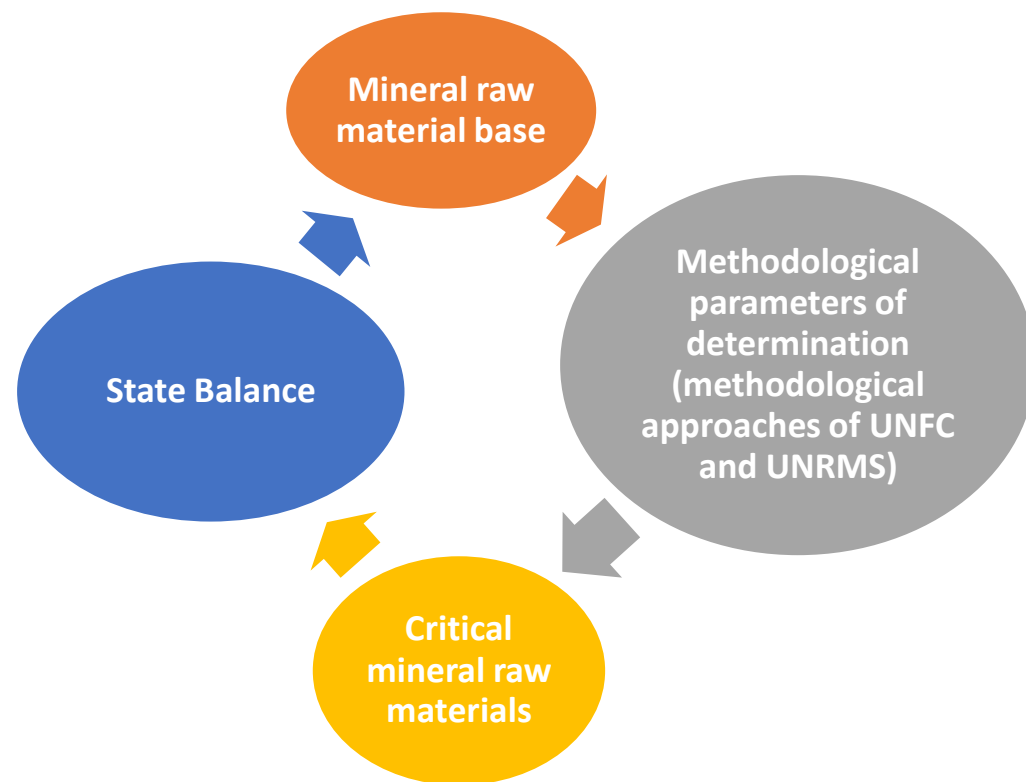
| | |
|--------------|-----|
| Metallic | 416 |
| Non-metallic | 292 |
| Coal | 98 |

CRITICAL MINERAL RAW MATERIALS OF UKRAINE



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| Minerals | UA reported economical reserves, thousand t | Part of World reserves, % |
|--------------------|---|---------------------------|
| REE total | 1938 | 1.62% |
| Titanium | 131000 | 1.02% |
| Vanadium | 333 | 0.07% |
| Aluminium /Bauxite | 18885 | 0.06% |
| Iron | 18009458 | 3.82% |
| Graphite | 13760 | 4.59% |
| Manganese | 2162832 | 17.28% |
| Copper | 20500 | 0.01% |
| Lithium | 37 | 0.22% |
| Zinc | 1555 | 0.62% |
| Nickel | 271 | 0.30% |
| Silver | 0.8 | 0.14% |
| Chromium | 2967 | 0.52% |
| Cobalt | 17.85 | 0.26% |



«UNECE early development response: reconstruction of Ukraine – restoring connectivity and rebuilding infrastructure»

REGULATORY ASPECTS OF RESOURCE MANAGEMENT



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“Energy Strategy of Ukraine for the period up to 2035
“Security, Energy Efficiency, Competitiveness”

“The National program for the development of the mineral resource base of Ukraine for the period up to 2030”

“Drinking Water of Ukraine for 2022—2026” and
“Strategy for the water policy development in Ukraine”

Decision of the National Security and Defense Council of Ukraine “On stimulation of prospecting, extraction and enrichment of minerals that are of strategic significance for the sustainable development of the state’s economy and defense capability”

Conditions of the State Subsoil Fund of Ukraine Resource Management



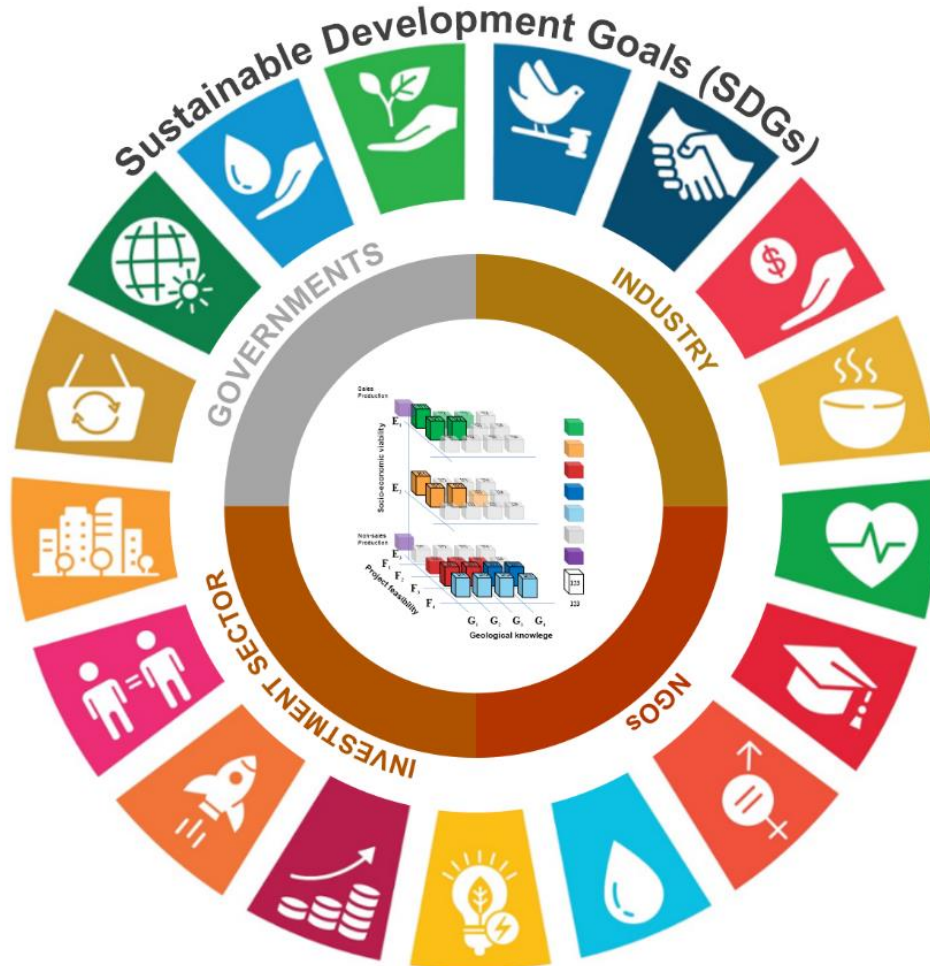
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- *Presence of mono-resource-oriented industrial regions*
- *Shortage of resources, the need to organize supply chains*
- *Unbalanced use and depletion of natural resources*
- *Accumulation of production waste*
- *Negative impact on the environment*
- *Destroyed mining, energy and transport infrastructure of the Eastern and Black Sea regions due to the war*

SUSTAINABLE RESOURCE MANAGEMENT



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A global integrated resource management system:

Global level standards and specifications implemented through guiding documents of international organizations (UNECE, IAEA, OPEC, WTO, etc.).

National level that is implemented through governmental and non-governmental strategic target programs.

Local level that is directly related to the project (obtaining resources) or complex project (obtaining-sale-processing of resources).



**Thank you for your
attention!**



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