



GRAVICON

**Transforming mining waste
into wealth, respecting the
Earth we share**





WHO WE ARE

We are the engineering company that carries out a full cycle of designing, production, supply and commissioning of enrichment plants.

**OVER 20+ YEAR EXPERIENCE
IN MINERAL PROCESSING**

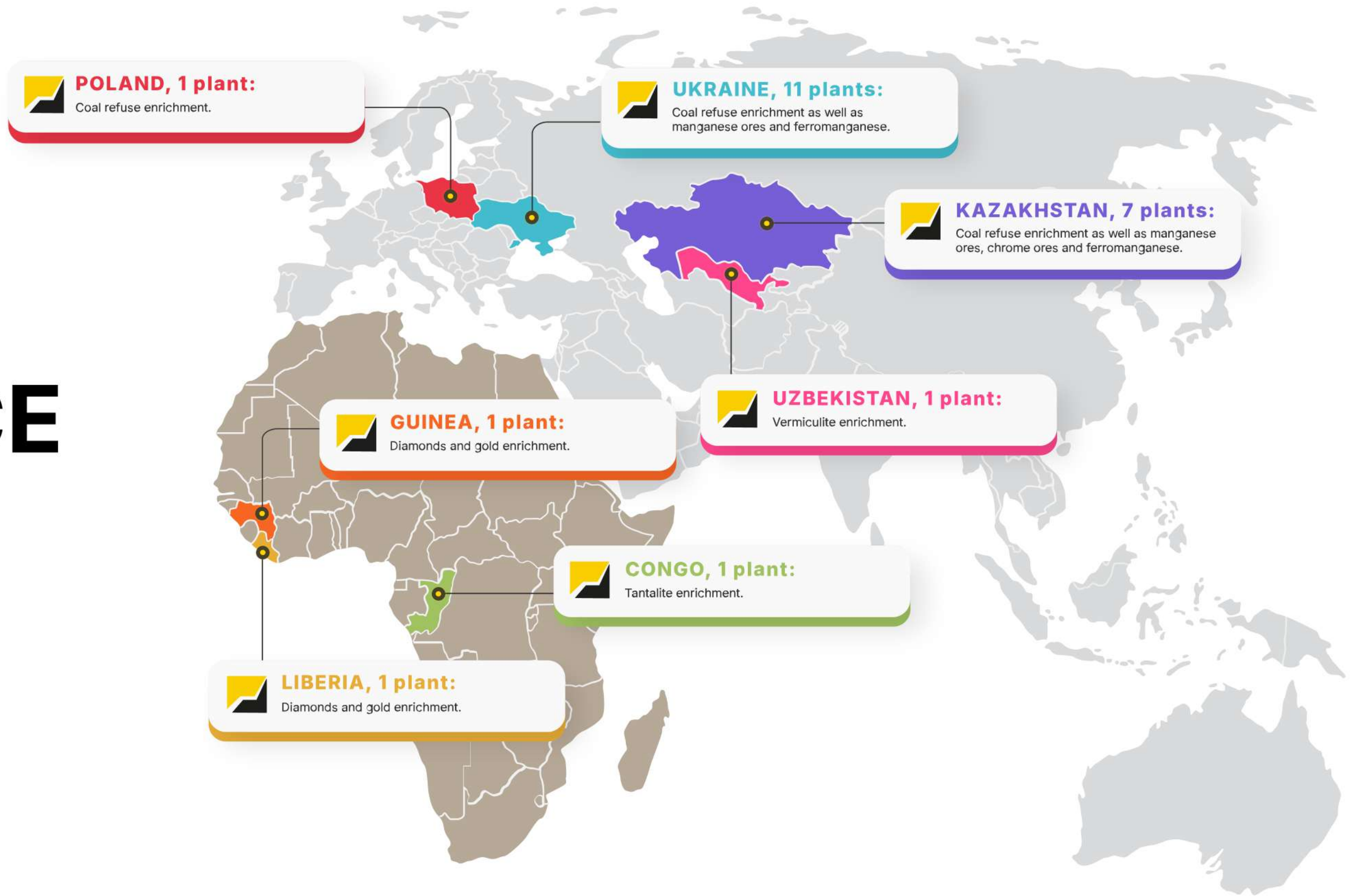


WHAT WE DO

We sell tailored solutions for your wastes

- Modular mobile plants engineered for fast deployment in remote areas
- Proprietary dry air-jig technology — no water, no chemicals
- Full-cycle mineral processing: from lab tests to production start
- Up to 80% metal recovery from mining and industrial waste
- Eco-driven solution that reduces tailings footprint and land taxes
- Global expertise across continents and materials — coal, iron, chrome, gold

GLOBAL PRESENCE MAP



OUR GLOBAL CLIENTS

1. Africa

- Guinea – beneficiation complex – 30 t/h (gold, diamonds)
- DR Congo – beneficiation complex – 30 t/h (tantalite)
- Liberia – beneficiation complex – 50 t/h (gold, diamonds)

2. Central Asia & Eastern Europe

- LLP "Asiagroup", Karaganda, Republic of Kazakhstan
- LLP "Evromet", Republic of Kazakhstan
- Aktobe Ferroalloy Plant, Republic of Kazakhstan
- TEMK, Republic of Kazakhstan
- Aksu, Kazakhstan
- LLP "Arman-100" – 350 t/h manganese ore beneficiation
- "Vermiizol", Uzbekistan

3. Ukraine & Surrounding Region

- LLC "Ugolinvest", Ukraine
- LLC "RUTEKS", Ukraine
- CJSC "Vizavi", Ukraine
- LLC "Ukrsvinets", Ukraine
- "DonbassUgolInvest", Ukraine
- TPP "Slavutych", Ukraine
- Rovenky, Ukraine
- Kramatorsk, Ukraine
- LLC "Masis-1", Ukraine
- LLC "Masis-2", Ukraine



In Gravicon we not just about mineral enrichment. It's a complete transformation of how we approach mining waste — turning forgotten tailings into economic and environmental wins.

- Low level of capital and processing costs, as a result – high profitability
- Return on investments – from 5 months (depends on initial material)
- 10–12 months – from startup to commissioning
- Creating of new job opportunities for local residents
- Providing local manufacturers with new orders for required equipment
- Productivity – from 20 to 400 tons per hour
- Ssize of material for beneficiation – from 0 to 100 mm
- Fully automatic operation
- Onsite installation
- Staff training and joint operation possibility

JIGGING MACHINES WITH AN ELECTRONIC MOVABLE SIEVE

HIGH QUALITY OF ENRICHMENT

due to the laminar movement of ascending water flows through the enriched material, as well as the kinematics of the movement of the working sieve, in which the downward movement of the sieve occurs with an acceleration exceeding the acceleration of gravity, which contributes to high-quality and rapid separation of the jigging bed by density.





TARGET MARKETS & STAKEHOLDERS

1. Technogenic & Tailings Dump Owners

Private and public companies owning post-mining waste (coal, ore, rare-earths, etc.)

2. Alluvial Gold Deposit Owners

SMEs and landowners looking to profit from low-cost gold beneficiation.

3. Concession & Lease Operators

Holders of rights to deposits or dumps, seeking fast, flexible processing.

4. Government & Environmental Agencies

Ministries managing territories with accumulated industrial or mining waste.

TARGET MARKETS & STAKEHOLDERS

5. ESG & Green Certification Companies

Improving ESG scores, gaining tax benefits, and attracting investment.

6. Small & Mid-Sized Miners

Monetizing waste and cutting operational costs.

7. Local Governments & Municipalities

Reducing pollution and revitalizing regional economies.

8. Construction & Road Builders

Using recycled gravel and stone from processed waste.

9. Environmental & Rehab Funds

Supporting cleanup and sustainable restoration of mining sites.





GRAVICON
MINERAL PROCESSING TECHNOLOGY

WHAT WE PROCESS

Gravicon's modular enrichment systems are designed to handle a wide range of mining and industrial waste materials, including:

Ferrous & Non-Ferrous Metals

- Manganese
- Iron (hematite etc.)
- Chrome
- Lead-zinc
- Tin
- Ilmenite sands

Precious & Rare Metals

- Gold & diamonds
- Zircon
- Rare earths

Coal & Carbon-Based

- Coal
- Coal tailings
- Oil shale

Non-Metallic Raw Materials

- Barite
- Fluorite
- Garnet sands

Industrial Waste Dumps

- Ferroalloy slag
- Mineral waste
- Ash-slag
- Red mud
- Mercury-contaminated soil

We specialize in processing materials with particle sizes from 0.1 mm to 100 mm.

STEP-BY-STEP COLLABORATION WITH GRAVICON

This is the standard production workflow we follow with the client — from sample submission to equipment commissioning.

#	Stage	Duration	Responsible Party
1	Providing a representative sample	1 week	Customer
2	Study of a representative sample for beneficiability using Gravicon technologies	1 week	Supplier
3	Preparation of Technical Requirements	2 weeks	Customer
4	Preparation of Technical Assignments	1 week	Supplier
5	Coordination of technical specifications	2 weeks	Customer/Supplier
6	Conclusion of a contract	up to 4 weeks	Customer/Supplier
7	Design and engineering work	8 weeks	Supplier
8	Manufacturing and supply of a complete set of equipment	24 weeks	Supplier
9	Installation	10 weeks	Customer
10	Installation supervision	2 weeks	Supplier
11	Adjustment	4 weeks	Supplier
12	Staff training	1 week	Customer/Supplier
13	Commissioning	2 weeks	Customer/Supplier

PROFITABILITY BASED ON COAL BENEFICIATION

This data is not intended as a public offer and is provided for informational purposes only.

WASTE HEAP VOLUME	5 000 000 tons
PRODUCTIVE CAPACITY OF PLANT	200 tons per hour
PRODUCTION HOURS	20 hours per day, 25 days per months
PROCESSED VOLUME OF INITIAL MATERIAL per month	100 000 tons
COAL CONTENT IN INITIAL MATERIAL	20%* (*average content)
WASHED COAL (CONCENTRATE) VOLUME	20 000 tons per month
GRAVEL VOLUME	40 000 tons per month

COAL PRICE	100\$ per ton
GRAVEL	5\$ per ton

TURNOVER FROM SALES:	
SALE OF COAL	2 400 000\$ per month
SALE OF GRAVEL	200 000\$ per month
OPERATIONAL COSTS	643 000\$ per month
PROFIT BEFORE TAXES	1 957 000\$ per month



CONTACT OUR SPECIALISTS FOR CALCULATION OF YOUR PROFIT OPPORTUNITIES



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