

Mining Consulting and Engineering

List of services



DMT mining services - overview



Project evaluation

- Feasibility studies
- Due diligence
- Economic assessment
- Environmental impact assessment
- Project review
- Risk management

Exploration and monitoring

- Surveying, mapping and GIS
- Exploration campaigns and supervision
- 2D-, 3D- and VSP-seismic
- Geophysical borehole logging
- Data processing and interpretation
- Geological and geophysical surveys
- Geomonitoring and remote sensing

Ressourcen- und Reserven-Einschätzung

- Target reconnaissance
- Resource and reserve estimation
- Qualified person's reports and competent person's reports (JORC, CIM, SEC, SAMREC)
- Economic assessments and audits

Mine support

- Mine planning and detailed design
- Deep shaft engineering
- Extraction technologies
- Transportation and beneficiation
- Ventilation and gas control
- Geotechnical engineering, strata control
- Surveying, monitoring and inspection
- Condition monitoring and predictive maintenance on mining machines
- Mine optimisation studies
- Hydrogeology, water management and treatment
- Energy efficiency
- Process engineering and beneficiation

Closure and rehabilitation

- Design, planning, implementation

Automation and innovation

- Process analysis and optimisation
- Software and hardware development
- Customer specific instruments
- Partner and supplier for R&D projects

Final disposal of radioactive waste

- Site selection and investigation
- Waste management concept
- Safety analysis and EIA
- Radiation protection
- Repository and disposal design
- Disposal concept
- Detailed planning for operations
- Closure concept
- Monitoring

Geothermal energy

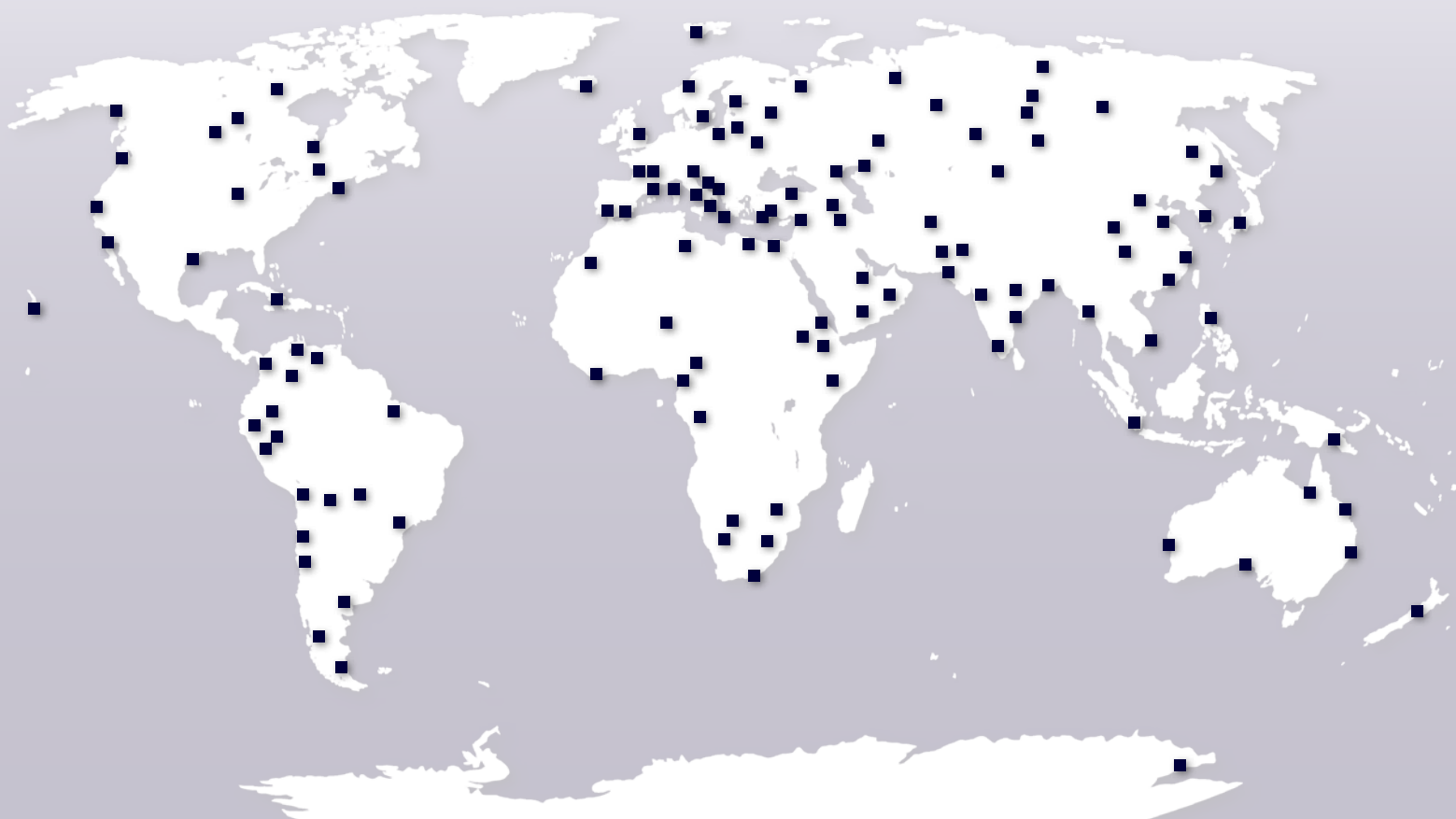
- Exploration of geothermal sites
- Well-path planning
- Geothermal simulation
- Site monitoring

Professional services

- Independent Owner's Engineers
- Independent Lender's Engineers
- Investor support
- Contracts and construction monitoring
- Insurance investigative support
- Expert witness

Safety in mining

- HSE management systems and audits
- Inspection and testing, product testing
- Rope testing
- Fire testing of products
- Fire safety assessments
- Training and seminars
- Technical monitoring hardware and software



Project locations of DMT around the world.

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