



Who is Trigteq What We Do



April 2026

Who we are

TRIGTEQ is a consulting company, specializing in providing modern technological solutions in geological, geotechnical, mining, and environmental engineering industries.

Our extensive network of international partners allows us to bring cutting-edge software solutions and products from leading mining solution providers to our customers.

Values

- Quality
- Reliability
- Modern Technologies

Vision

To lead the mining consulting industry by efficiency-driven innovation

Mission

- Sustain industry innovation
- Implement solutions to ensure sustainable development and enhance efficiency





Where we are

ESG at Trigteq: People, Purpose & Responsibility

Environmental

Trigteq is committed to advancing Mongolia's geology and mining sectors by improving operational efficiency and sustainability through data-driven and technology-enabled solutions.

Within our own workplace, we continuously work to reduce waste and promote responsible resource use. Our "Earthworm Recycling Initiative" transforms organic waste into natural fertilizer, and it is part of our culture for team members to bring their own plants when they join—creating a greener and more vibrant office environment.

Across all our projects, we champion modern geological methods, digital workflows, and responsible operational planning—supporting greener, safer, and more resilient mining practices for the long term.

Social

Trigteq's strength comes from the diversity, dedication, and shared purpose of our people. Our culture emphasizes flexibility, continuous learning, and equal opportunities across all teams.

Through our Work & Travel Program, ergonomic workplace design, annual health check-ups, and ongoing wellness initiatives, we ensure that team members feel supported both personally and professionally.

We actively invest in knowledge-sharing by organizing cross-border trainings to strengthen industry capabilities, and we deliver open professional courses and programs for university students entering the sector—helping build the next generation of industry talent.

We also give back to our community through volunteer initiatives, including supporting a local farming family every summer, reinforcing our commitment to social responsibility and shared growth.

Governance

We uphold high standards of integrity, transparency, and accountability in every aspect of our work.

Our governance structure ensures responsible decision-making, fair business practices, and compliance with all relevant laws and industry regulations.

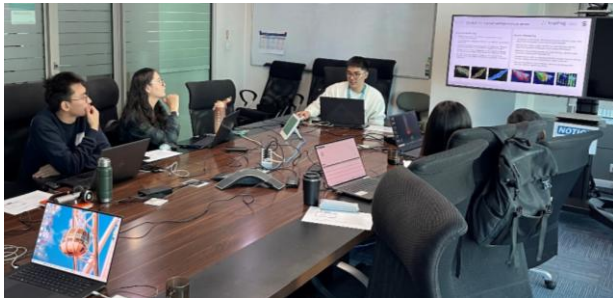
We collaborate with international partners who share our ethical values, and we maintain clear internal policies on confidentiality, data protection, anti-corruption, and non-discrimination.

Through consistent training and rigorous operational discipline, we ensure that every team member understands their responsibility in maintaining a trustworthy and professionally governed organization.

ESG at Trigteq: Insights

5

Partnered product focused on environment



~30

Open professional trainings delivered for industry



55

Children benefiting from flexible work arrangements and family-friendly initiatives at Trigteq

4

Internal trainings conducted in 2025 covering both mental wellness and professional development



~150kg

Food waste decomposed per year by earthworms



5

Countries where we ran Work & Travel program



18

International partner companies



Accountable and responsible



Accountable and responsible

Services

Technical services

- Geological data collection, logging service
- Resource reporting
- Manpower outsourcing

Digital Solutions Services

- Annotation/Machine learning
- Database migration
- AI and Digital enablement
- Power Apps & Power platform development

Training

- Professional training for geologists and engineers
- Highlight trainings: AI fundamentals for geoscience and mining, Seequent, Deswik

Investment consulting

- Silkroad Investment series
- Cross-border project promotion and investment engagement

Mining consulting

- Surface and underground mine design, planning, and optimization.
- Strategic scheduling, equipment selection, and CapEx/OpEx analysis.
- Reserve and production reconciliation across geology, mining, and processing.
- Pre-Feasibility, Feasibility, and Bankable Studies supported by AI and simulation.

Geotechnical consulting

- Industry-standard consulting for both mining and exploration
- Professional software and hardware solutions
- Credible and internationally recognized partners
- Comprehensive monitoring solutions

Solutions



Geology & Mining



Geotechnical & Monitoring



Geospatial & Environmental



HSE & Cyber Security

Our story

Registered as Trigteq LLC in Ulaanbaatar, Mongolia, the company strengthened its commitment to Central Asia's mining sector through collaborations with industry leaders.

2015

Starting as a base in Mongolia



Emphasized AI-driven solutions through collaborations with Minerva Intelligence and other technology providers, reinforcing its role as an innovator.

2020

Advancing Digital Solutions



Named Mongolia's "Best Taxpayer 2021," reflecting its growing influence in the region. Continued integration of cutting-edge technologies from Krux Analytics, Blackberry, Emesent, and Fatigue Science further optimized operations.

2022

Industry Recognition



Formed new collaborations with industry leaders such as Stockholm Precision Tools (SPT), Beijing Institute Of Geology For Mineral Resources Co., Ltd (BIGM).

2024

Scaling with New Partnerships



2013

Foundation

Founded in Denver, Colorado, as Trigteq Inc., setting its roots in geological and mining consulting services.



2018

Strengthening Collaborations

Forged strategic partnerships with major players in the mining and geoscience industries, including OREAS, IMAGO. These collaborations enhanced Trigteq's capabilities in data-driven geological analysis and resource estimation.



2021

Global Expansion & China Office

Opened its China Representative Office under the name Shandong Trigteq International Trade Co., Ltd. Partnerships with Seequent, Freshworks, and SLB further strengthened its offerings in geoscience software and operational efficiency.



2023

Rebranding & Kazakhstan Expansion

Rebranded to reflect its efficient and innovative direction. Expanded to Central Asia by launching Trigteq LLP, its Kazakhstan Representative Office. Collaborations with Waterloo Hydrogeologic, Satbayev University, Tersi Earth, and RIEGL advanced its capabilities in geological modeling, LiDAR mapping, and hydrogeology.



2025

Strengthened Mining & Geotechnical Consulting

Partnered with Deswik and expanded geotechnical monitoring capabilities through Geosolutions of Orica Digital Solutions. Established a dedicated Mining Consulting Service, further solidifying Trigteq's role as a comprehensive solutions provider for the full mining life cycle.

OUR EXPERIENCES

(by consulting and services)

CLOUD SERVICES

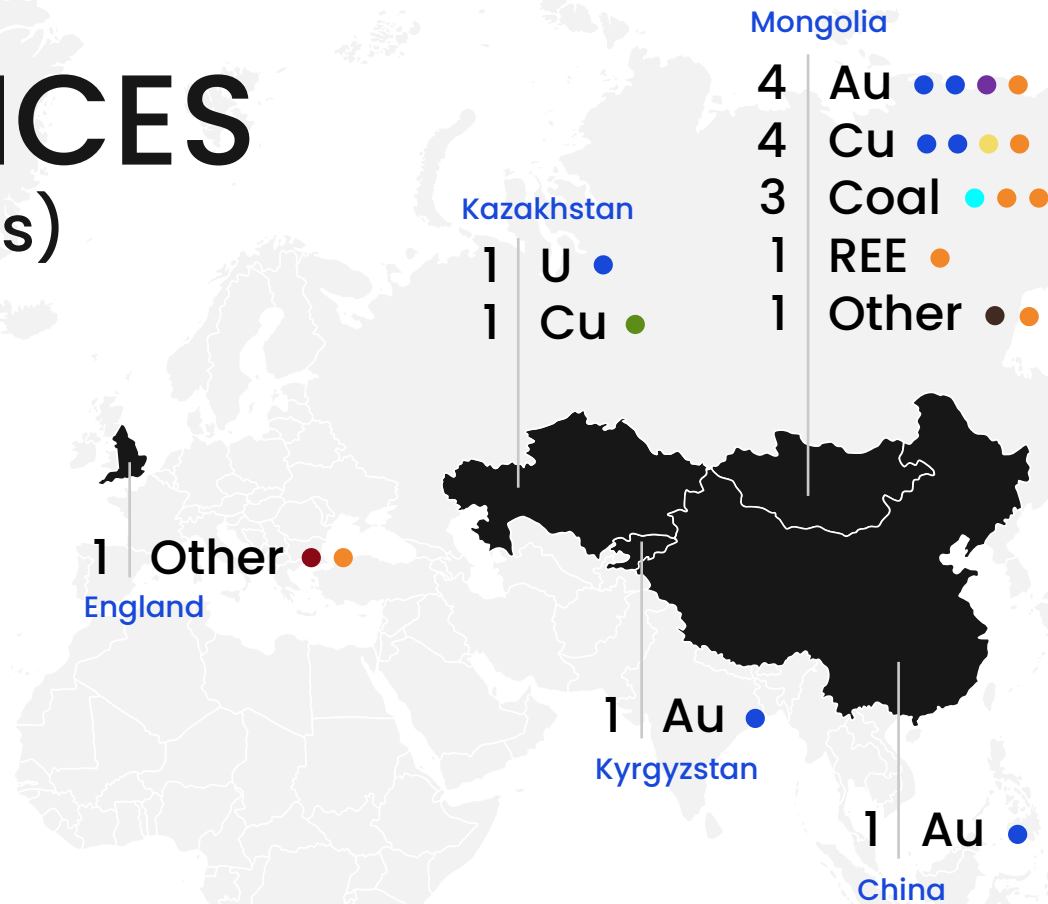
- 8 Annotation
Machine Learning
- 30 IMAGO Migration
Database migrating
- 7 MX Deposit Migration
Database migrating

CUSTOM TRAININGS

- >10 Mongolia
Gold, Copper, Coal
- 6 China
Gold
- 4 Kazakhstan
Uranium

Technical Services

- Target generation
- Exploration
- Mineral evaluation
- QAQC
- Manpower outsourcing
- Database Management and Digital Transition
- Geotechnical Consulting
- Investment Consulting



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