

COMPANY INTRODUCTION

HEALTH, MINING & ENERGY

OUR OPPORTUNITIES IN MONGOLIA





SMART PLUS

INTRODUCTION OF "SMART PLUS" LLC

Smart Plus LLC was founded in 2012 with the goal of carrying out design and engineering activities in the energy sector. Since its establishment, the company has actively participated in sector reforms, modernization, and construction projects and programs, focusing on developing and implementing integrated solutions based on advanced modern technologies. Over time, "Smart Plus" LLC has evolved into a key player in the sector's development and has become a leading national engineering company.

The company has participated as both a main contractor and subcontractor in numerous projects and programs within the fields of energy distribution, transmission networks, and power generation. Since constructing its first 110/35/10kV substation with a capacity of 2x25 MVA and a 110kV overhead power transmission line in 2014, the company has successfully built and commissioned a total of eight 110kV substations, two 35kV substations, two new 10MW solar power plants, and a battery storage station with a capacity of 80MW/200MWh. These facilities collectively represent 41.6% of Mongolia's total installed renewable energy capacity.

Currently, "Smart Plus" LLC operates under licenses covering feasibility studies (FS), design, and construction and installation works for energy sources, power transmission lines, and substations. In addition, it has expanded into the mining and healthcare sectors through its subsidiaries, actively contributing to the country's development.

Moreover, Smart Plus LLC has fully implemented integrated management systems, including ISO 9001 (Quality Management System), ISO 14001 (Environmental Management System), and ISO 45001 (Occupational Health and Safety Management System), which are certified internationally by France's AFNOR auditing company, ensuring that its operations meet international standards.

Founded in **2012**
as an engineering
company

5 subsidiaries
& related companies

50
overall employees



CONSTRUCTION &
INFRASTRUCTURE



ENGINEERING
DESIGN



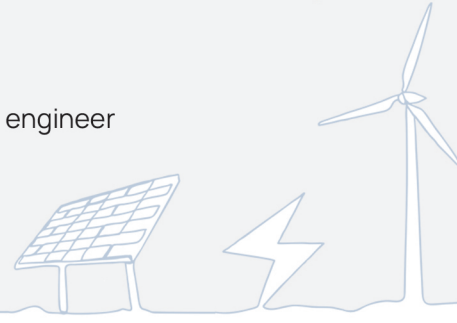
HOSPITAL



MINING &
HEAVY INDUSTRY



Yadamasuren
BAASANDORJ
Chairman, Consulting engineer



GREETINGS

Since its establishment, Smart Plus LLC has actively participated in numerous projects and programs focused on reform, development, and infrastructure in Mongolia's energy sector, guided by the mission of implementing solutions based on advanced technology. We take great pride in the fact that our achievements have not only strengthened the company's reputation but have also made a meaningful contribution to the country's development.

Over the years, our team has expanded its scope from constructing substations, power transmission lines, and new energy sources in the energy sector to entering the mining and healthcare industries, ultimately growing into a company recognized on a national scale.

Looking ahead, we will continue to leverage the expertise of our highly skilled engineers and specialists to ensure our operations comply with international standards and management systems. We remain committed to honoring the trust of our clients while contributing to both national development and a sustainable future for humanity.

We sincerely thank our colleagues, partner organizations, and clients for their trust and collaboration throughout this journey, and we look forward to achieving even greater success together.

Y. BAASANDORJ
Chairman



Vision

Our vision is to become a green-development-oriented engineering company, recognized in both domestic and international markets, with sustainable business revenue.



Mission

We strive to be a leading company in the energy sector by providing our employees with opportunities for professional growth and job satisfaction, consistently delivering high-quality projects that meet client requirements, steadily enhancing the company's performance, and training the next generation of professionals.



Core Values

Independence
Integrity
Intelligence
Knowledge
Effectiveness

MANAGEMENT TEAM



Chairman,
Consulting engineer

Y. BAASANDORJ



Director of
Health and Mining

P. GANBAT



Director of
Engineering and
Infrastructure

B. AMAR-ERDENE



General Manager

B. BATSUREN

TIMELINE / SELECTED PROJECTS

10MW "Delgerekh" solar plant in Murun, Khuvsgul province was built, financed by ADB.	2025 2023	2025 2023	10kV overhead line for 30 groundwater wells in BIO and Shuvuu wellfields under the "Downstream wells activity" of Mongolia water compact project was constructed, financed by Millennium Challenge Corporation, USA
10MW "Khovd solar" solar plant in Mayngad, Khovd province was built (included 2 years O&M), financed by World bank.	2022 2021	2022 2021	80MW/200MWh "Songino" battery energy storage station in Songinokhairkhan district was built (included 2 years O&M), financed by ADB.
110/10 kV main substation in Zamiin-Uud was expanded, and a 6 km 110 kV OHTL was constructed to connect it to the 15 MW solar power plant.	2018	2018	Construction and installation works for the 6 kV OHTL and five 160-250 kVA overhead substations for the Booroljuut coal mine dewatering pipeline were completed.
"ITX" LLC was granted a special license for mineral exploration.	2016	2016	35/110 kV step-up substation for the 55 MW wind power plant in Sainshand, Dornogovi province was built.
35/110 kV step-up substation for the 50 MW wind power plant in Tsogttsetsii, Umnugovi province was built.	2016	2016	35/110 kV step-up substation for the 15 MW solar power plant in Zamiin-Uud, Dornogovi province was built.
"Maztek" LLC was established and was granted a special license for energy project design	2015	2015	Installed grounding resistor for 10kV busbar of the 110/35/6kV Umard substation /Transferred isolation system into neutral grounding system/
"Terguun Max" LLC was granted a special license for mineral exploration.	2015	2015	"Yarmag Bridge" project: The first 110/35/10 kV substation with 2x25 MVA capacity and 110 kV overhead transmission line (OHTL) was completed.
"Smart Plus" LLC was established.	2012	2012	



On the occasion of the 100th Anniversary of the Energy Sector, and within the framework of the “One Billion Trees” National Movement initiated by the President of Mongolia, the team of Smart Plus LLC has established this forest with a total of 14,860 trees.



"Smart Plus" LLC team during the tree-planting initiative
2022.10.10



Our company's office is a three-story building with a total area of 480 m², accommodating up to 50 employees simultaneously. The overall layout complies with the MNS 5027:2001 standard of Mongolia, providing 9.6 m² per employee, ensuring a bright and spacious working environment. The open-office plan allows seamless communication between departments and teams.

A unique feature of the office is its garden area with green landscaping for employees to enjoy during breaks. Additionally, non-allergenic, dust-free leafy plants are placed on each floor – helping purify the air and release oxygen. This not only improves employee concentration and productivity but also contributes to physical health and mental well-being.

OUR CAPABILITIES /OFFICE, CAMP AND SPECIAL MACHINERIES/



Our company operates a fully equipped camp facility with a capacity of 100 people, ready for immediate use in construction projects and programs. The camp provides a comprehensive solution to meet project needs quickly, ensuring continuous workforce deployment and efficient management operations.

THE CAMP FACILITIES INCLUDE:

- Three 40ft and two 20ft containers for storage
- Three 40ft containers for office usage
- Six double-sided 40ft containers for accommodation
- Two 40ft containers, each for kitchen
- Three 40ft containers for sanitary purposes

All containers are fully furnished and equipped with the necessary infrastructure to meet the needs of 100 people for both office and lounge use.



T31: 995/21
Special license 1.4: Installation, maintenance, testing, commissioning of energy generation facility with capacity of 0.01-100MW.

Special license 2.3: Construction, installation, maintenance, testing and commissioning of overhead transmission line and substation with voltage level of 0.4kV -110kV.

Special license 1.3: Construction, installation, maintenance, testing, commissioning and other corresponding works and services for energy generation facility with 100MW and higher capacity.

Special license 2.4: Construction, installation, maintenance, testing and commissioning and other corresponding works and services for overhead transmission line and substation with voltage level 220kV and higher capacity.



T32: 3T -122/21
Special license 8.2: Conducting feasibility study and design services of energy generation facility with capacity of 0.01-100MW and higher capacity.

Special license 8.4: Conducting feasibility study and design services of overhead transmission line and substation with voltage level of 0.4kV -110kV and higher capacity.



T3: 3T-191/23
Special license 8: Design of power infrastructure facilities

Profile
MAIN OPERATION

- Project procurement
- Engineering and Design of the power system
- Construction of Energy infrastructures and facilities
- Consulting service
- EMC Hospital
- Mining and heavy industry sector



DESIGN AND FEASIBILITY STUDIES (FS)

2022

- Comprehensive engineering design and consulting services for Copper Cathode Refining Plant Power Supply and the 220/110/35/6kV “Erdenet” substation expansion
Employer: Zes Erdeniin Huvi LLC
- Translation, compliance check, and obtaining approval of the engineering design of the 80MW/200MWh Battery Energy Storage System and 110kV extension of the 220/110/35kV “Songino” substation
Employer: ZTT and ZEST consortium, CEEC HEPDI (China)
- Engineering design of 10kV 250kVA substation, 10kV OHTL, and 0.4kV cable line works
Employer: Grand Gobi Supply LLC

2023

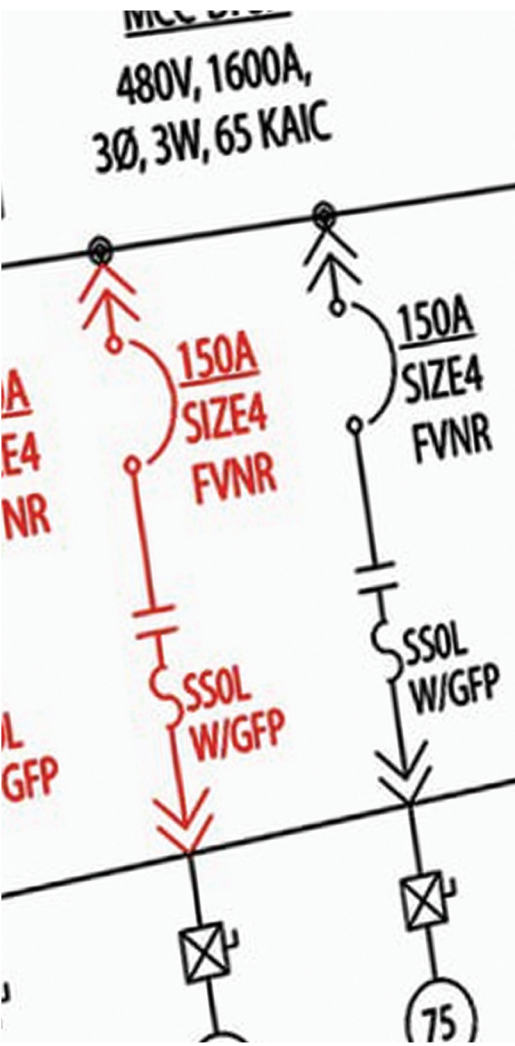
- Feasibility study and consulting services for a HPP on Baidrag River (Power supply, HPP, OHTL, substation, SCADA and Control system)
Employer: Monhydroconstruction LLC
- Feasibility study and engineering design of the 10MW and 42MW/h BESS (Battery Energy Storage System) project
Employer: Tom Nar Energy LLC
- Feasibility study for the planned 5MW Solar Power Plant (SPP) and 10MW Battery Energy Storage System in Yesunbulag, Govi-Altai province
Employer: Tom Nar Energy LLC

2024

- External power supply for the Line Processing Plant in Taishir, Govi-Altai province, including 35/10kV substation with 4.4MVA capacity and 35kV OHTL design
Employer: Tsen-Gazar LLC
- Feasibility study for 5MW Solar Power Plant and 10MWh Battery Energy Storage System at Euro Block Factory (Site No.5), Industrial Park of MAK LLC
Employer: Huawei Mongolia LLC
- Feasibility study for 10MW Solar Power Plant and 24MWh Battery Energy Storage System at Khuut Coal Mine (Site No.4), MAK LLC
Employer: Huawei Mongolia LLC
- Feasibility study for 19.8MW Solar Power Plant and 48MWh Battery Energy Storage System at Euro Cement Factory (Site No.3), Dalanjargalan, Dornogovi province, MAK LLC
Employer: Huawei Mongolia LLC
- Master Plan for Energy Development in Western Mongolia
Employer: Max Power Group
- Feasibility study for 5MW Wind Power Plant and 2.5MW / 5MWh Battery Energy Storage System (Hybrid System) in Yesunbulag, Govi-Altai province
Employer: Max Power Group
- External power supply for Gold Processing Plant of Khan Altai Resources LLC in Yesunbulag, Govi-Altai province, including 35/10kV substation with 4.0MVA capacity and 35kV OHTL design
Employer: Khan Altai Resource LLC

2025

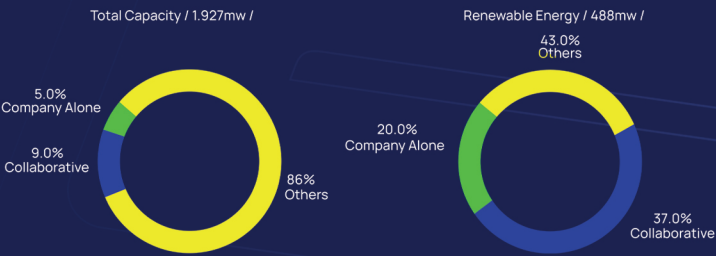
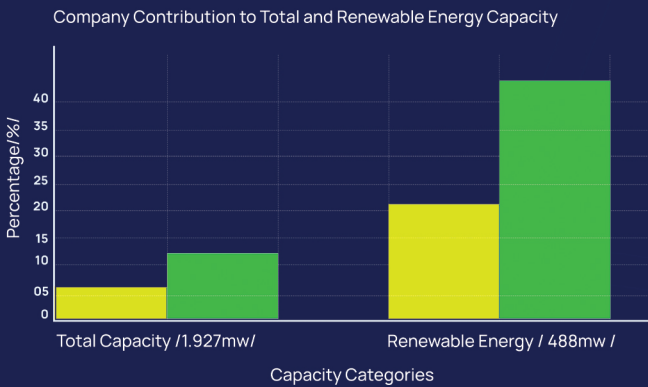
- Feasibility study for 2x15 MW Thermal Power Plant in Bayantolgoi
Employer: Bayasakh Bayantolgoi LLC
- Feasibility study for 102MW Wind Power Plant and 40.8MW/163.2MWh Battery Energy Storage System in Khanbogd, Umnugovi province, Klintec LLC
Employer: Qleantech LLC GmbH
- Feasibility study for 50.4MW “Wind Farm Choir” Wind Power Plant and 80.64MWh Battery Energy Storage System in Choir, Dornogovi province
Employer: Aydiner Global LLC
- Feasibility study for “Kherlen-Toono” project (Power Supply)
Employer: Monhydroconstruction LLC



OVERALL PROJECTS

As of August 2025, the total installed capacity nationwide reached 1,927 MW (including battery energy storage systems), of which our company alone has implemented 5% while contributing 9% through collaborative projects.

Meanwhile the total installed capacity of renewable energy nationwide reached 488MW (including battery energy storage systems), of which our company alone accounts for 20%, while contributing 37% through collaborative projects.



- Construction of 110/35/10kV 2x25 MVA with Control System Substation in Yarmag bridge area and Construction of the 110 kV AC-240/39 Conductor OHTL Design with 2x2 km OPGW, 2014-2015
- Switching the 110/35/6kV Northern Substation 10kV network to compensation neutral with resistor grounding regime, 2016
- 35/110 kV Step-up Substation Construction as part of 55 MW Wind Farm Project, Tsogt Tsetsii soum, South Gobi Province, 2017
- 35/6 kV 800kVA Substation, 5.6 km long OHTL, The 2 Air Substations, in Booroljuut coal mine, 2017
- Construction of the 6kV OHTL and 6set 160-250 kVA Air Substation for Water, Drainage System, In Booroljuut Coal Mine, 2017
- Automatic control of pumps with SCADA of the mine Water Drainage System, in Booroljuut Coal Mine, 2017
- Expansion with 2 feeders for the 110/10kV 15MW Zamiin Uud Substation, Relocation of the end-tension tower at Shainshand 110kV OHTL and Construction a 6km OHTL to Gegeen Station, Zamiin Uud Soum, Dornogobi Province, 2018
- Construction of the 10/110kV Step-up Station with the Computer Control System Substation of the 15MW Solar Power Plant, Zamiin Uud, Dornogobi Province, 2018
- Construction of the 35/110 kVA Substation with Computer Control System of the 55MW Wind Farm, Sainshand soum, Dornogobi Province, 2018
- Extension of Water Drainage System and the 1 km long 6kV OHTL and Construction of the 5set 160-250 kVA Air Substation, in Booroljuut coal mine, 2019
- 10MWac Solar Power Plant Project, Myangad soum, Khovd Province, 2021

CONSTRUCTION OF THE 110/35/10KV 2X25MVA SUBSTATION AND THE 2 KM DOUBLE CIRCUIT 110KV OHTL

Yarmag bridge, Ulaanbaatar, 2014-2015



PROJECT INFORMATION

Employer: Infrastructure project, Ministry of Energy

End user: National Power Transmission Grid State-Owned Joint Stock Company

Project name: Construction of the 110/35/10 kV 2×25 MVA substation and the 2 km double circuit 110 kV OHTL

Project location: Yarmag bridge, Ulaanbaatar

Project year: 2014-2015





50 MW WIND FARM PROJECT, CONSTRUCTION OF 35/110KV STEP-UP SUBSTATION

Tsogt Tsetsii soum, South Gobi Province



PROJECT INFORMATION

Employer: Newcom LLC / MCS International LLC

End user: Clean Energy Asia LLC

Project name: 50 MW wind farm project, construction of 35/110 kV step-up substation

Project location: Tsogt Tsetsii soum, South Gobi Province

Project year: 2017





15 MW SOLAR PLANT PROJECT, CONSTRUCTION OF 10/110KV STEP-UP SUBSTATION
Zamiin Uud Soum, Dornogobi Province



PROJECT INFORMATION

EXPANSION OF 110/10KV “ZAMIIN UUD” & 6KM SINGLE CIRCUIT 110KV OHTL AND 10/110KV STEP-UP SUBSTATION OF GEGEEN SOLAR PLANT

Employer: Naranteeg LLC

Project name: 15 MW solar plant project, construction of 10/110kv step-up substation

Employer: MCS International LLC

Project location: Zamiin Uud Soum, Dornogobi Province

Project year: 2018



**55 MW WIND FARM PROJECT, CONSTRUCTION OF
35/110KV STEP-UP SUBSTATION**
Sainshand soum, Dornogobi Province



PROJECT INFORMATION

Employer: MCS International LLC

Project name: 55 MW Wind Farm project, Construction of 35/110kV
step-up substation

Project location: Sainshand soum, Dornogobi Province

Project year: 2018



10MW SOLAR POWER PLANT

Myangad soum, Khovd Province



11500 Screw legs
31500 PV panels
70 String inverters (first in Mongolia)
406km long DC cable
35/110kV Step-up substation and 110kV OTHL

PROJECT INFORMATION

Employer: Western Energy System

Main contractor: KCCS

Prime Subcontractor: Smart Plus LLC

Project name: 10MW Solar Power Plant

Project location: Myangad soum, Khovd Province

Subcontract signed on: 27th April 2021

Completion date: 6th December 2022





ZES ERDENIIN HUVI PROJECT: PART 2 – CATHODE COPPER PLANT

Orkhon Province, Bayan-Undur soum

Build new 35/10kV 10MA substation for copper manufacture of ZEKh LLC
Operation and maintenance service for 35/10kV substation of copper manufacture

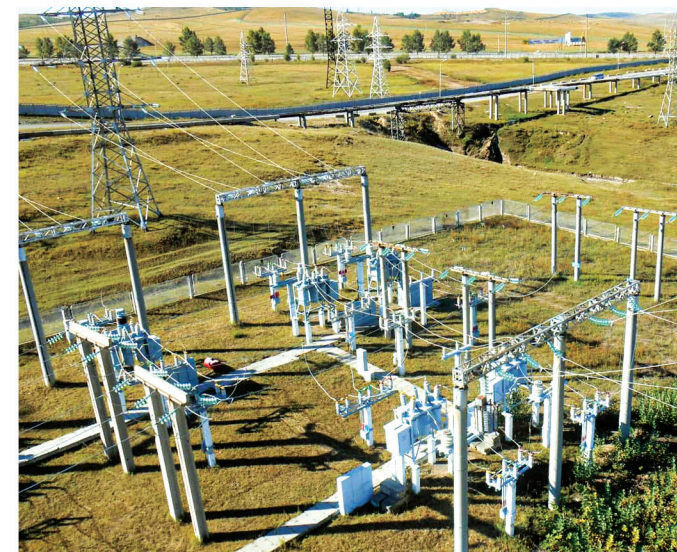


PROJECT INFORMATION

35/10 KV NEW SUBSTATION (EPC AND O&M) – DESIGN AND REHABILITATION OF THE 220/110/35/6 KV “ERDENET” SUBSTATION

The rehabilitation and upgrade of the 35/10 kV substation included the following works:

- ❖ Replacement of the existing 40MVA transformer with a new 63MVA transformer to increase capacity
- ❖ Replacement of the 110kV circuit breakers (CBs) and disconnector switches (DSs) on the 110kV outdoor switchyard
- ❖ Upgrading the measuring transformers in the 6kV indoor switchgear
- ❖ Refurbishment and upgrade of the relay protection devices for the 6kV coupling feeder, 35kV busbar connector, 3 kV busbar protection, and 110kV busbar connector
- ❖ Rehabilitation of the 35kV outdoor switchyard, including expansion of two line bays.





**80MW/200MWH BATTERY
ENERGY STORAGE SYSTEM PROJECT**
Songino khairkhan District, Emeelt area

PROJECT INFORMATION

Main Contractor: ZTT-ZEST JV

Prime Subcontractor: CEEC-HEPDI, China and Smart Plus LLC, Mongolia

Smart Plus LLC scope: Partial design and all installation & construction

Subcontract signed on: 18th July, 2022

Completion date: November 18, 2023



10MW SOLAR POWER PLANT

Hovsgol aimag, Murun city



PROJECT INFORMATION

Project name: 10MW Solar Power Plant
Project location: Hovsgol aimag, Murun city
Main contractor: Xian Electric Engineering Co.,LTD, China
Prime subcontractor: Smart Plus LLC, Mongolia
Subcontract signed on: June 5, 2023
Completion date: May 25, 2024





10KV OVERHEAD LINE FOR 30 GROUNDWATER WELLS IN BIO AND SHUVUU WELLFIELDS UNDER THE “DOWNSTREAM WELLS ACTIVITY” OF MONGOLIA WATER COMPACT PROJECT

Khan-Uul district, Ulaanbaatar city



PROJECT INFORMATION

Project name: 10kV overhead line for 30 groundwater wells in BIO and Shuvuu wellfields under the “Downstream wells activity” of Mongolia water compact project

Financier: Millennium Challenge Corporation USA

Employer: Millennium Challenge Account-Mongolia

Project location: Khan-Uul district, Ulaanbaatar city

Main contractor: YEO Teknoloji Enerji ve Endüstri A.Ş., Turkey

Prime subcontractor: Smart Plus LLC, Mongolia

Subcontract signed on: January 25, 2023

Completion year: 2025



45 MW / 300 MWH PUMPED STORAGE
HYDROPOWER PLANT

Tsenkhermandal Soum, Khentii Province



PROJECT INFORMATION

Client: Erdenes Power LLC

Operator: Erdenes Power LLC

Connection Point: 220/110/35kV “Baganuur” substation

Project location: Tsenkhermandal Soum, Khentii Province

Project Timeline: 2025–2028





50.4 MW WIND FARM WITH A 20 MW / 80 MWH BATTERY
ENERGY STORAGE SYSTEM
Sumer Soum, Govisumber Province



PROJECT
INFORMATION

Client: Wind Farm Choir LLC
Operator: Wind Farm Choir LLC
Connection Point: 220/110/35 kV Choir Substation
Project location: Sumer Soum, Govisumber Province
Project Timeline: 2025–2027





Endogen Medical
Center Hospital



EMC Hospital



✚ EMC Hospital

ENDOGEN MEDICAL CENTER – Orthopedic, Traumatology, and Specialized Surgery Hospital

The purpose of this project is to provide advanced diagnostic and surgical services in traumatology, orthopedics, and general surgery in Mongolia. The hospital is planned to begin operations with a medical team composed of the country's leading specialists and internationally certified doctors.

The hospital building is designed to meet international standards and will be equipped with the latest medical technologies and equipment. It is strategically located in a modern, accessible area – eastern Viva City, within the New Yarmag residential district.

The hospital will have 80 beds. Based on preliminary studies, it will serve 142,493 patients annually, with an average inpatient stay of 9.8 days and ~3,174 inpatient admissions per year.



EXPECTED IMPACT:

- Improve the quality of treatment in traumatology, orthopedics, joint replacement, arthroscopy, and other specialized fields.
- Reduce burden on existing healthcare facilities and patient waiting times.
- Lower number of patients seeking overseas medical treatment.
- Create 52 new jobs.

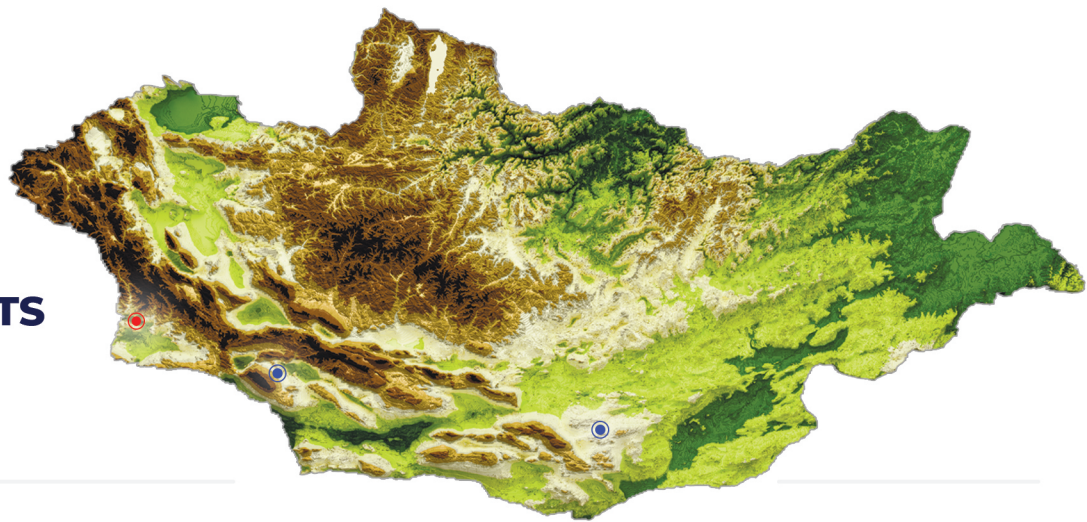
COLLABORATING INTERNATIONAL COMPANIES:

- Implantcast (Germany) – European company with the MUTARS® system
- Corentec (South Korea) – Innovation-driven, ISO 9001 & ISO 13485 certified
- K-Implant (Germany) – Global supplier of orthopedic prosthetics
- SHD (Italy) – A leading global medical equipment manufacturer

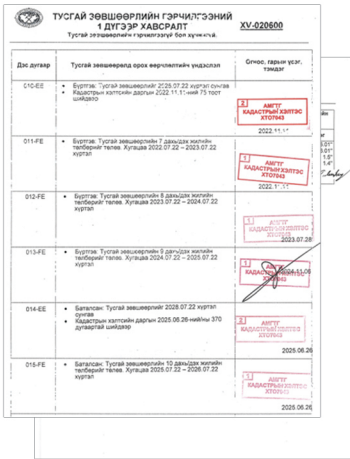
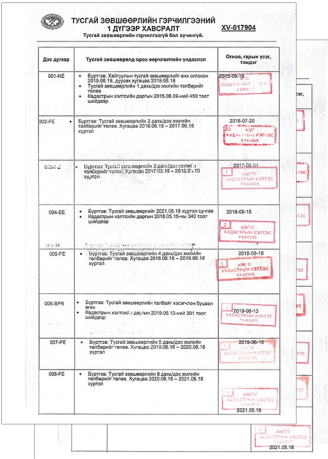


MINING PROJECTS

- Mining license 1
- Exploration licenses 2



MINERAL EXPLORATION LICENSES



TERGUUN MAX LLC – GOLD MINE

- Holds exploration license for 3,952.07 ha.
- Engages in gold exploration and mining in Mongolia.

ITX LLC – TSAKHIR KHUDAG COAL MINE

- Holds exploration license for 1,291 ha.
- Exploration work commenced in 2025.

The two companies aim to implement strategically significant mining projects contributing to Mongolia's mineral resources development.





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19 khoroo, Khan-Uul district, Ulaanbaatar, 17032, Mongolia