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2023
INTRODUCTION



VISION

COPPER IS OUR FUTURE

MISSION

SUSTAINABLE OPERATION

VALUE

RESPONSIBLE EMPLOYEE



EVERYDAY COPPER





WHAT CAN YOU MAKE WITH 1 TONNE OF COPPER?

2,000,000,000

COMPUTER CHIPS



300,000

DIGITAL CAMERAS



250,000

SMART PHONES,
TABLETS



3000

ELECTRONIC DEVICES



2000

ANTI-BACTERIAL
DOOR KNOBS



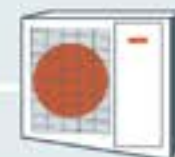
1 INDUSTRIAL ELECTRIC
EQUIPMENT



10 LARGE INDUSTRIAL
MOTORS



50 HEATING
SYSTEMS



125 VENTILATION
EQUIPMENT



1000 HOME APPLIANCES

WORLD COPPER

PRODUCTION

USAGE

MONGOLIA

3.1%

EUROPE

14% 15%

NORTH AMERICA

12% 9%

82%

PYROMETALLURGY

18%

HYDROMETALLURGY

ASIA

16% 74%

SOUTH AMERICA

41% 1%

AFRICA

16% 74%

AUSTRALIA

5% 0.02%

| SOURCE: ICSG 2021

OUR MOTTO
DEVELOP AS A TEAM



PRODUCTION PROCESS



LME
Grade A
99.999%



ORE DUMP



INTRODUCED HEAP LEACHING FROM 2020

ORE
1,052,010m³

V-15.58m

IV-14.47m

III-14.35m

II-14.20m

I-14.05m

BASE AREA

Top layer removal,
base compacting



Clay layer



Geotextile
liner



Geomembrane
liner

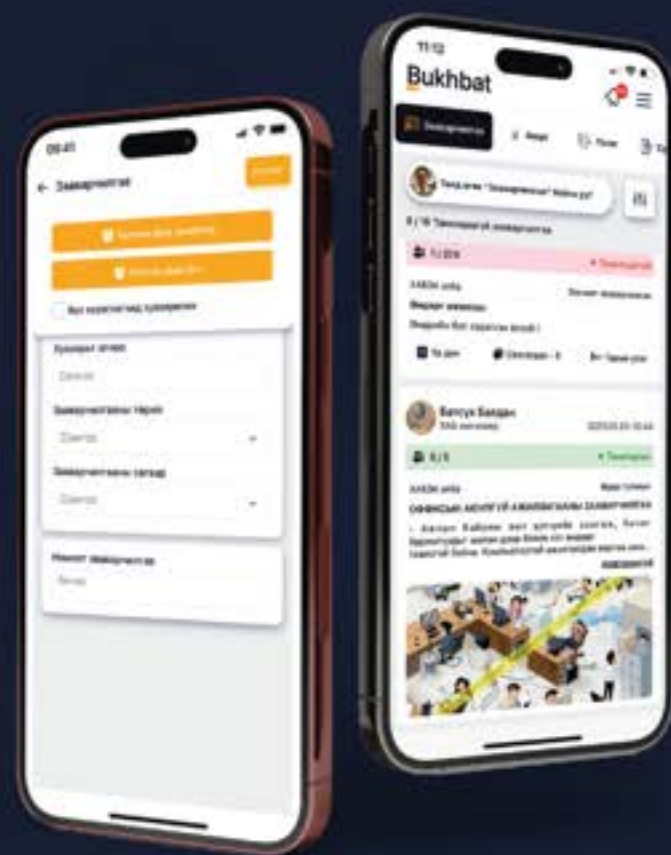


Filter pipe
connection



Gravel layer





INTRODUCED SAFETY PROGRAMME TO
EXCHANGE INFORMATION WITH
EMPLOYEES VIA HAND HELD DEVICES.



ISO 45001:

2018 AUDIT PERFORMED BY
SFCS LLC IN 2023

FIRE DETECTION AND
SUPPRESSION SYSTEM READINESS

100%

tyco

0 INDUSTRIAL
ACCIDENT

0 WORK RELATED
ILLNESS

DIGITALISATION

Digitalization: An information security audit has been conducted by a professional organization and recommendations are being implemented.



Industrial process
has been automated



Smart fire
detection and
suppression system



Paperwork and
the archives are
digitized



Resource
management
system



E-Office
system



Information
reporting



Application for
Transmission of
Occupational Safety
information



LIMS
laboratory
system



EMPLOYEE



TRAINING AND DEVELOPMENT

Over 60 training and development programmes were conducted to improve the professional and general skills of our employees, involving 539 personnel in duplicate.

14 employees

Financial assistance
for housing

57 employees

Retention
bonus

10 employees

Overseas travel for
top employees

100%

Annual health
examination coverage

100%

Health, life and
accident insurance

DISCOUNT

Bank discounted
loans

EMPLOYEE ORIENTATED PROGRAMMES EMPLOYEE ORIENTATED PROGRAMMES

- ▶ Sports tournaments
- ▶ Talent competitions
- ▶ Traditional festivals
- ▶ National holidays and celebrations
- ▶ Fresh air and active lifestyle campaigns
- ▶ Health and vitaminisation events
- ▶ Fitness campaign
- ▶ Tree planting day

COPPER
IS OUR
FUTURE



TOTAL CONTRIBUTION

**TO THE STATE
BUDGET**

368.6
Billion MNT

TO
THE STATE 2.5%
33.7 BILLION
MNT

+

TO ERDENET MINING
CORPORATION 2.0%
26.0 BILLION
MNT

AMNAT 4.5% 59.7 BILLION
MNT

2023

**TO
PROVINCIAL
BUDGET**

32.55
Billion MNT



89%
2019

94.5%
2020

100%
2021

100%
2022

99%
2023

COOPERATION AGREEMENT WITH
THE LOCAL GOVERNMENT



LOVE
MOTHER EARTH



ISO 14001:2015
ENVIRONMENTAL
MANAGEMENT
SYSTEMS STANDARD

ENVIRONMENTAL MANAGEMENT PLAN

95%



A MINE CLOSURE MANAGEMENT PLAN HAS BEEN DEVELOPED AND APPROVED BY THE MUNICIPAL, MINISTRY OF MINING AND HEAVY INDUSTRY AND THE MINISTRY OF ENVIRONMENT AND TOURISM OF MONGOLIA.



ENVIRONMENTAL CONTROL AND MONITORING

SOIL SURVEY FOR
HEAVY METALS

5 LOCATIONS

BIANNUALLY

AIR DUST
CONTROL

5 LOCATIONS

TRIMONTHLY

GROUND WATER
MONITORING

8 LOCATIONS

MONTHLY

POND SLOPE
CONTROL

9 LOCATIONS

WEEKLY



IN 2023
5 DIFFERENT TYPES OF

290,586

TREES WERE
PLANTED

AIC'S GREEN TECHNOLOGY



RECHARGEABLE
BATTERY
2MV.H/1MV



140
SOLAR PANEL
LIGHTS



UNDERGROUND
PUMP
49.8 KW



ELECTRIC
CAR

WILL DECREASE

3.3 tonnes of CO₂ 
PER YEAR



WATER REUSE



TOTAL
WATER REUSE

87%

Local water treatment facility

- 12-23m³ of water is purified to 96-98% daily.
- MNS 4943:2015 environment, water quality and waste water general requirements have been met.
- Accredited laboratory tests are performed quarterly.

As a result of 2 years of research, we are planning to purify the solution and reuse the purified water beginning 2024.



WE SUPPORT EDUCATION



5TH COMPLETE CHEMISTRY LAB

Every year, with aim to support education in our country, we establish and equip chemistry labs at schools of general education in Orkhon province. In 2023, the chemistry lab at general education school number 17 became the fifth laboratory we set in Orkhon province.



Jargalant School



School No.20

School No.17

Erdemiin Urguu
Complex

School No.14



Б.БИЛГҮҮНЗУЛ
Сан

**B.Bilguunzul Foundation:
Let us shine light in every child's heart**

The B.Bilguunzul Foundation aims to improve the learning environment for children between the age of 6-16 in Songinokhairkhan district.



Child
protection



Education &
Development



Health &
Well-being



Improve living
standards



AIC STEPPE ARENA NAMING RIGHTS

The Steppe Arena, which meets the international standards, aims to develop winter sports in Mongolia, as well as to organize both international and local arts & cultural events, various sports tournaments and other events. Steppe Arena LLC issued naming rights to Aчит ikht LLC becoming the pioneer to do so in Mongolia.

2,600-3,600

SEATS BETWEEN

800,000

VISITORS

215,000+

CHILDREN VISITED



INTERNATIONAL
OLYMPIC
COMMITTEE

AIC STEPPE ARENA

AIC STEPPE ARENA- WHERE DREAMS COME TRUE

