



OGK Group

United Mining
and Service Company

The Company's presentation

Updated on April 27, 2022



OGK Group is **the only** independent mining and service company in Russia and the CIS countries that delivers **a full range of services** for mineral developers*.

Our extensive expertise, the bleeding-edge hardware and qualified employees make us the **top-priority contractor** for the leading mining companies.



*OGRN 1127746238707, not affiliated with the structures of mineral developers, capable of delivering an overall range of services and works at any stage of field development.

Every year brings a new pinnacle

EBITDA

in 2019
\$17,018,834

in 2020
\$22,327,212

in 2021
\$31,778,312



July 26
2012

The Company
is founded

January 24
2013

Foundation of Buryat
Geo-Prospecting
Enterprise

November 22
2013

Acquisition
of Khabarovsk Geo-
Prospecting Enterprise

February 12
2016

Purchasing a stake
in ASL-Technologies
company

July 20
2016

Foundation
of Armenian Geo-
Prospecting Enterprise

March 10
2017

One millionth linear
meter of core drilling
is reached

August 24
2018

Coal transportation
volume exceeds
1 million tons

November 14
2018

The amount of the
exploded rock mass
exceeds the mark of
100 million m3

April 17
2019

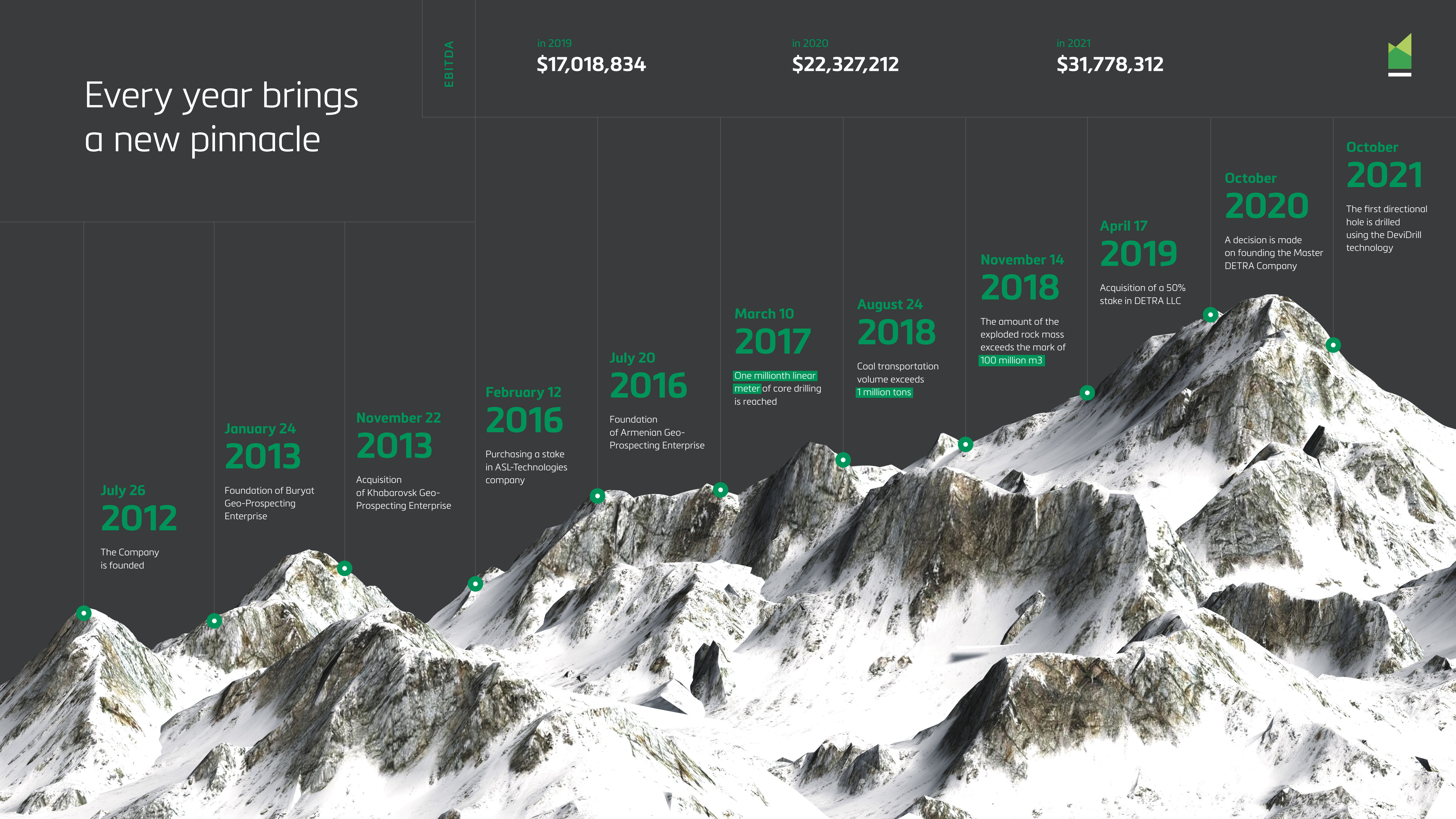
Acquisition of a 50%
stake in DETRA LLC

October
2020

A decision is made
on founding the Master
DETRA Company

October
2021

The first directional
hole is drilled
using the DeviDrill
technology





STRUCTURE

Efficient enterprises led by OGK Group

Our structure enables to **appreciably reduce the cost of works** for the customers, **without sacrificing their quality**, as all the Group's companies follow the unified standards

Production unit

Exploration, prospecting, and mining services at every stage of the development of solid minerals deposits.



Support for businesses

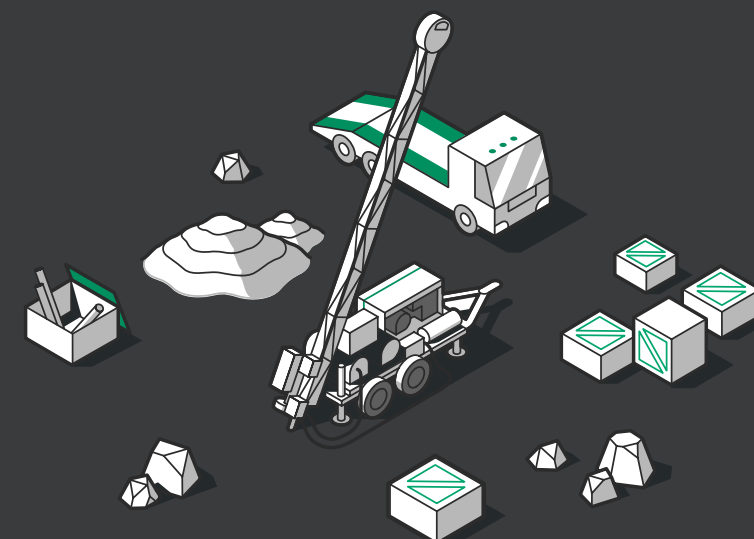
Ensuring supplies and transport support for enterprises.



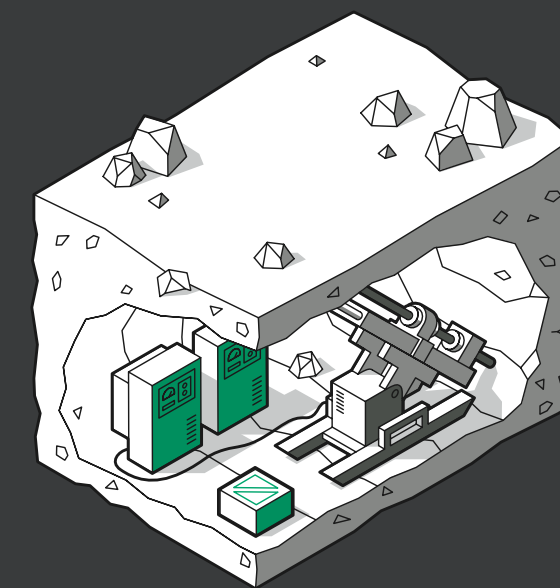


SERVICES

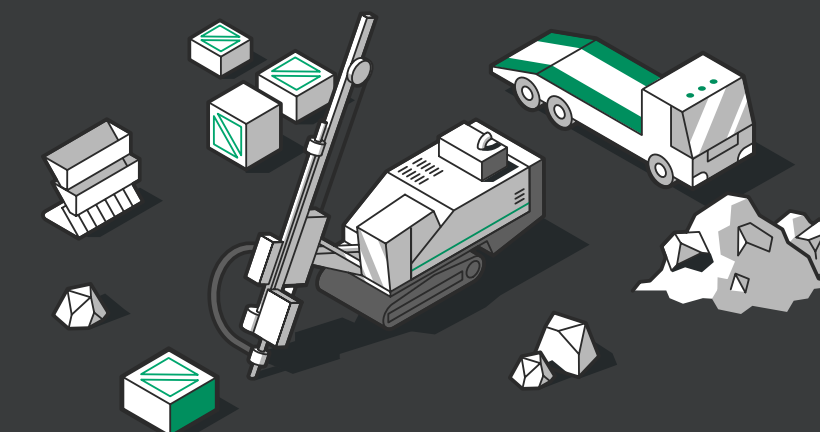
Full scope of services



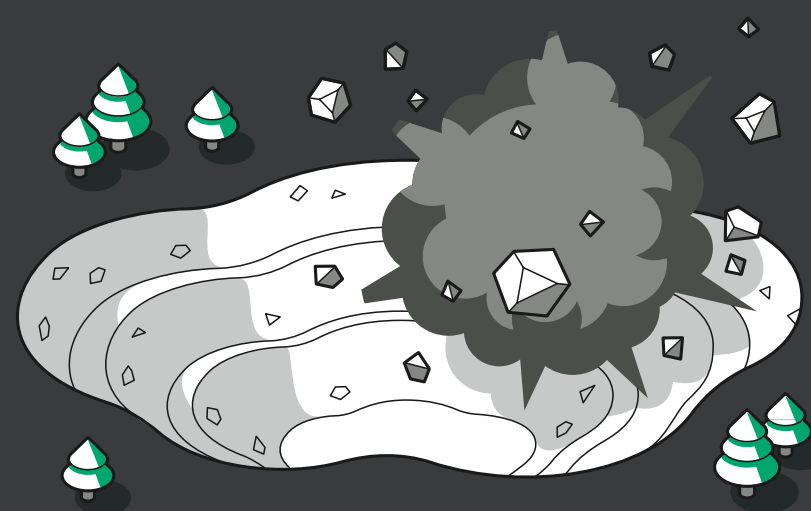
01 Surface core drilling



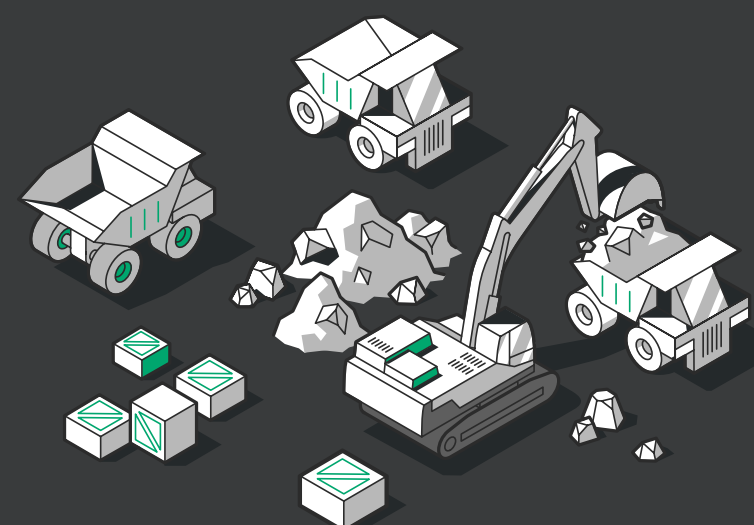
02 Underground core drilling



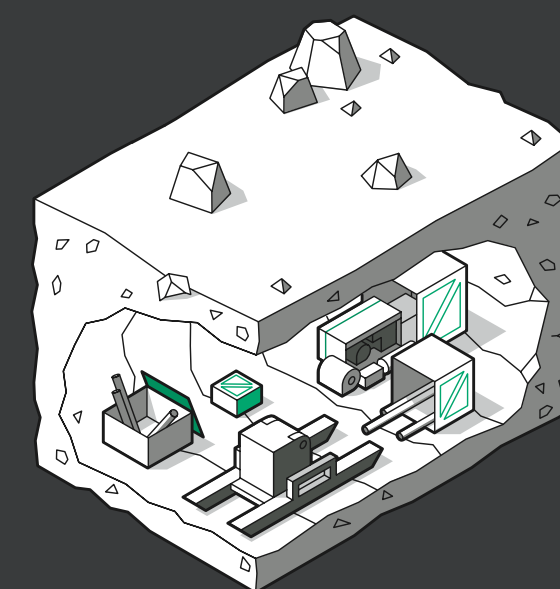
03 Exploration drilling by RC method



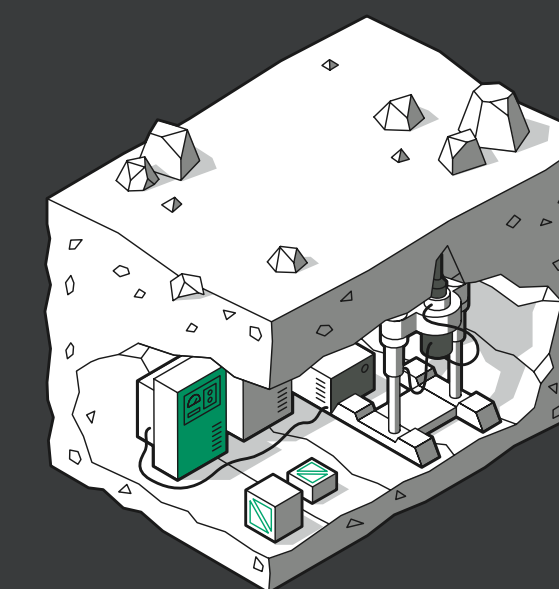
04 Drilling and blasting



05 Excavation and transportation of rock mass



06 Primary and secondary development, and stoping works in underground mines



07 Construction of shafts and raise boring



SERVICES

Surface core drilling



Total amount of core drilling at open pits from 2013 to 2021:

1,643,626.5

linear meters

less than **5** years

is the average age of equipment

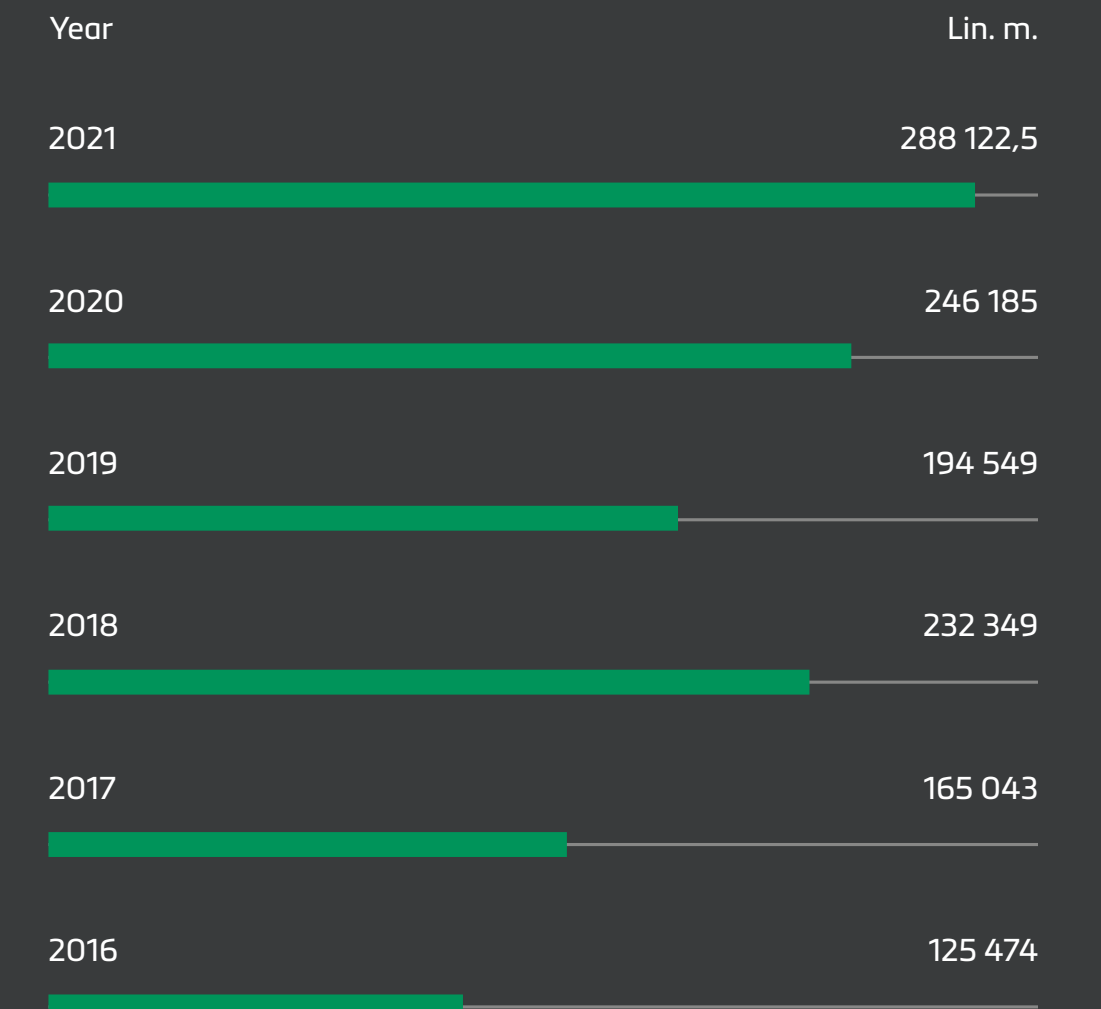
The operational procedures include:

- Drilling profile cutting
- Construction of access driveways and drilling sites
- Topographic and geodetic support
- WHole drilling with coring
- Geophysical survey of holes
- Sample splitting
- Sampling
- Sample preprocessing

We offer every type of drilling works:

- 01 Core drilling, including directed coring
- 02 Drilling of dewatering, hydrogeological, geotechnical holes
- 03 RC-drilling and blast drilling technological holes
- 04 The overall GIS scope

Volumes of core drilling at open mining pits:





SERVICES

Underground core drilling



Total amount of underground core drilling from 2013 to 2021:

2,052,428.67
linear meters

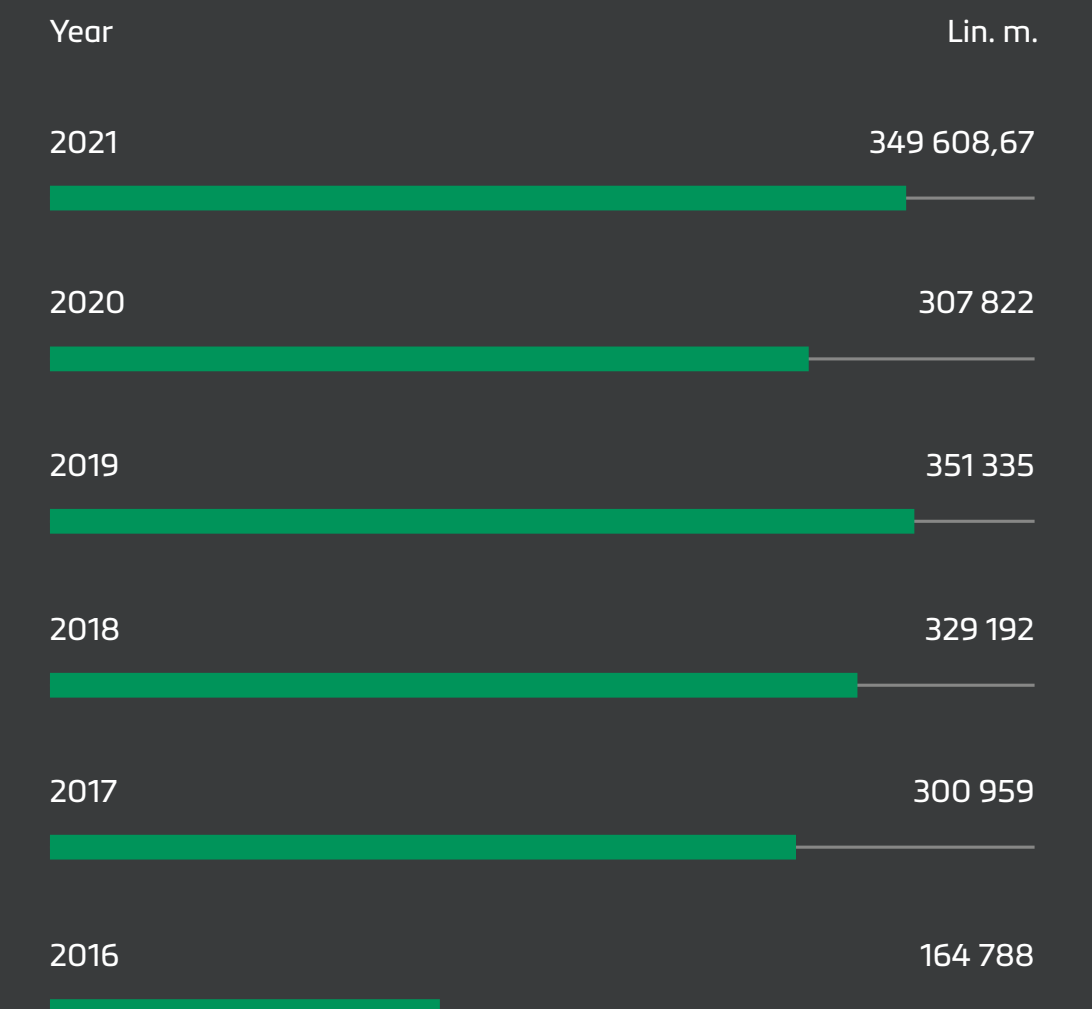
We apply drilling machines capable of **drilling holes up to 2000 m deep**

We offer every type of drilling works:

- 01 Core drilling of holes, including hydrogeological ones
- 02 Hole drilling with directed coring
- 03 Drilling of attendant exploration holes
- 04 Geophysical survey of holes

We are present at bulk of Russia's underground mines

Total amount of underground core drilling:





SERVICES

Exploration drilling by RC method

The total amount of in-mine exploration drilling by RC method from 2019 to 2021:

666,466

linear meters

Up to 100% of the sample collection is

ensured due to the configuration of the tool string and the applied drill through tools

We operate the largest fleet of RC machines in Russia

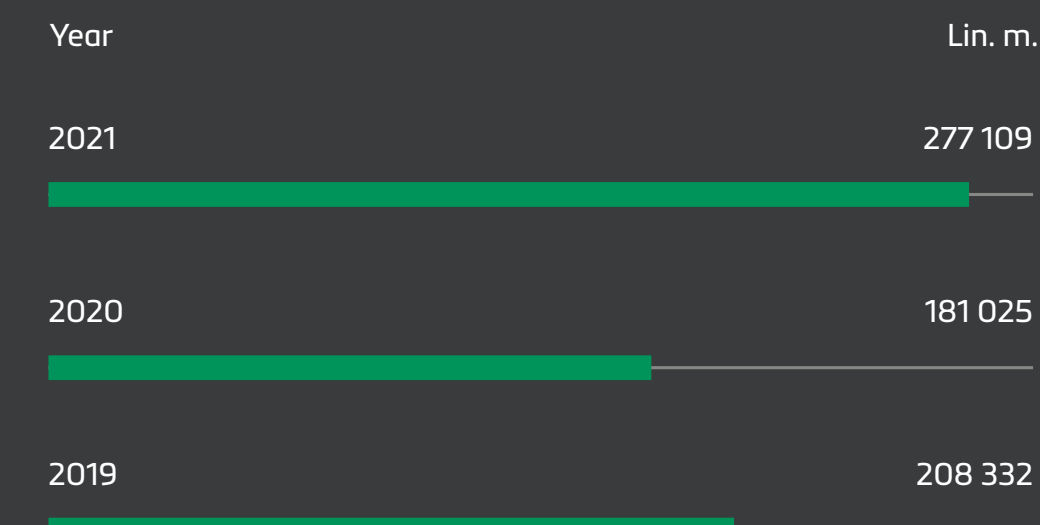
We employ **FlexiROC D65 RC rigs** that are universally suitable for both blast drilling and in- mine exploration, along with an RC option which enables operators to replace the boring head in a matter of few hours and carry out RC drilling **up to 40-50 meters deep.**

Drilling rate is 3-4 times higher

as compared to core drilling



The volume of in-mine exploration drilling by RC method:



SERVICES

Drilling and blasting



255,087,661 m³

total amount of the blasted rock mass for the period of 2016 to 2021

8,802,328 lin. m

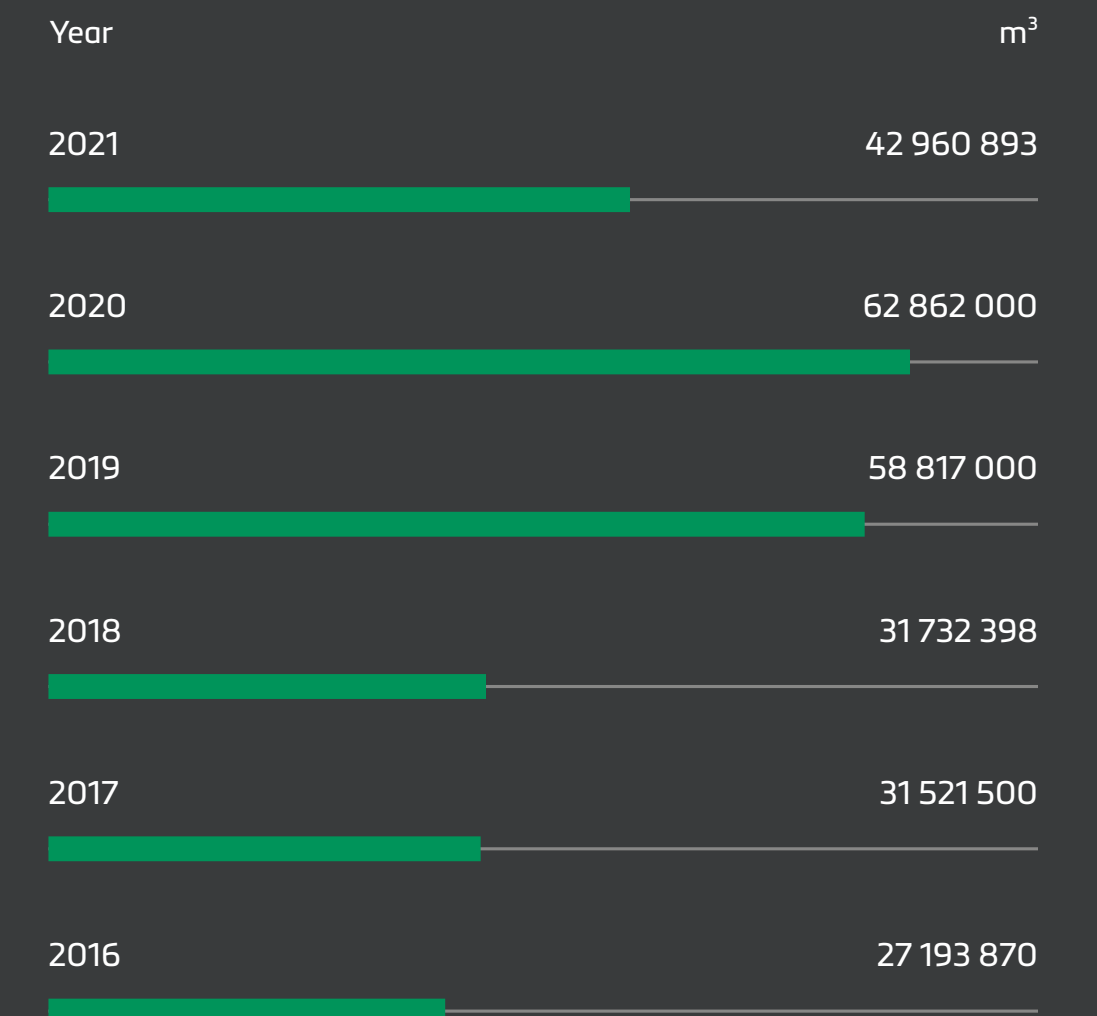
of technological holes for blasting works for the period of 2016 to 2021

The Group's priority is

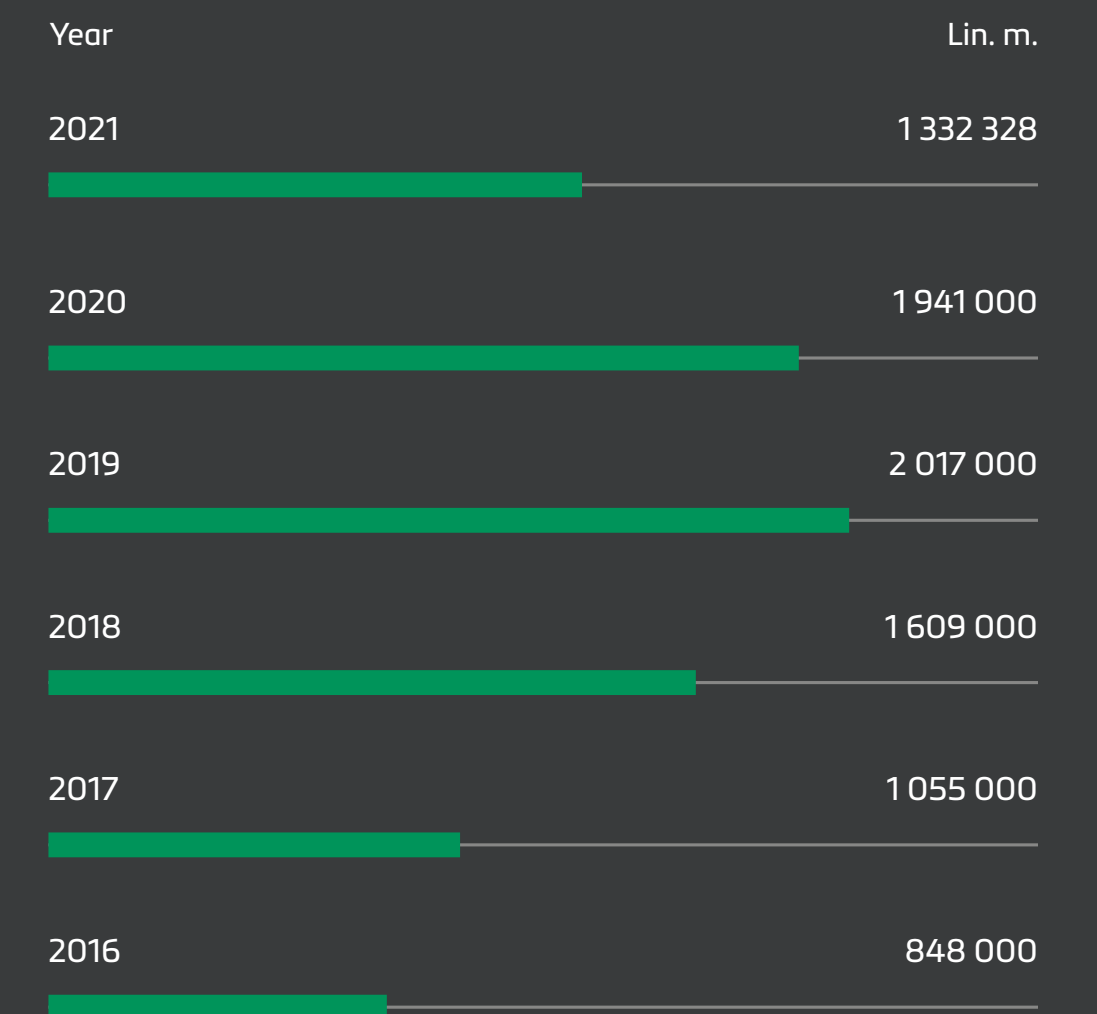
100% safety



The volume of the blasted rock mass:



The volume of drilling production holes for blasting:



SERVICES

Excavation and transportation of rock mass

Working experience at isolated sites

(in Chukotka AO, Magadan Oblast, and other regions of Russia)



We procure equipment tailored for the customer's needs

We shall examine the project in every particularity, such as the volumes, the transportation leg, the bench height, select the appropriate hardware, deliver it to the site, install and bring it into operation.

Attendant services:

- 01 Bulldozing
- 02 Works on construction and maintenance of in-quarry roadways

9,936,187 m³

Excavation of the rock mass in 2020-2021



SERVICES

Primary and secondary development, and stoping works in underground mines



Services:

- 01 Drilling of blast-holes during the underground mine tunneling
- 02 Drilling of blast-hole rings
- 03 Mechanized tunneling of underground mines
- 04 Installation of conveyor lines
- 05 Cleaning works after loading and transporting of rock mass
- 06 Excavation support and walling
- 07 Installation of pipelines for compressed air, ventilation, water supply and lighting

Equipment from globally acclaimed manufacturers is always available

SERVICES

Construction of shafts and raise boring



A joint company “Master DETRA” was established in partnership with the South African company “Master Drilling”, a world market leader for over 30 years.

145 drilling rigs

hardware fleet of the “Master Drilling” Group

up to **1,5** km

boring depth owing to the use of the largest drill rigs



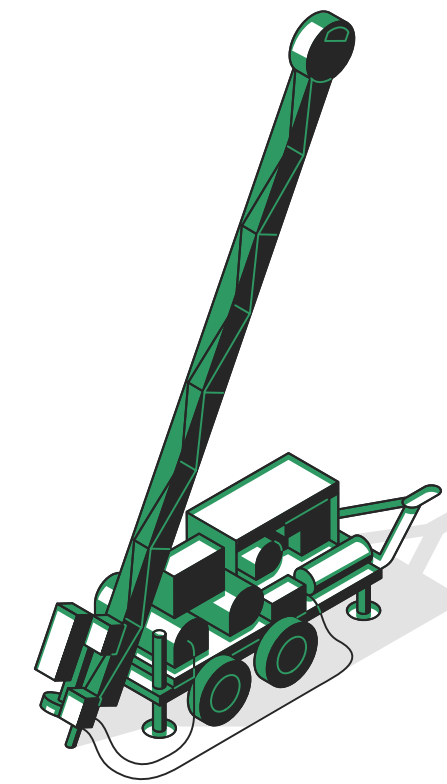
EQUIPMENT

We operate
at full capacity

OGK Group operates one
of the largest drilling fleet
and mining preprocessing
equipment.

USD\$ **96.9** mln

overall cost of equipment



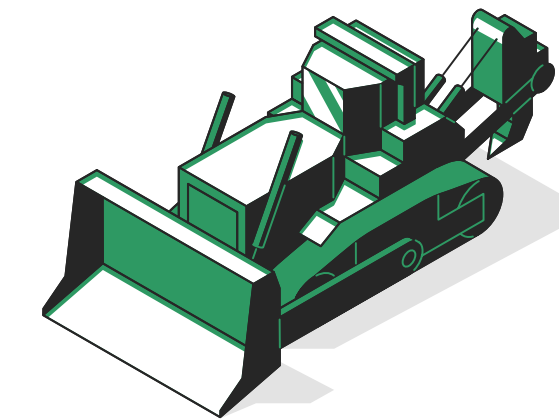
136

drilling rigs



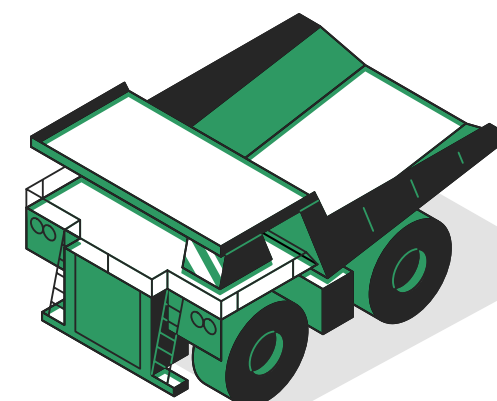
190

vehicles
for various
purposes



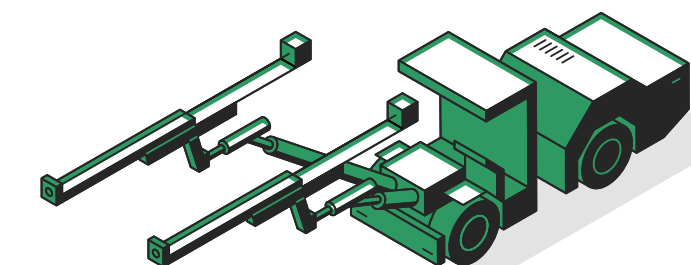
34

bulldozers



29

hardware units for
transportation and
extraction of rock
mass



53

sinking machines
and other
equipment



GEOGRAPHY

Trailblazers



over **60**
projects

27
regions of Russia
and CIS

9
time zones



CUSTOMERS

We are trusted
by industry leaders





FINANCIAL METRICS

Let figures speak for us

USD \$52,749,958

was invested in development
in 2019 – 2021

USD \$105,961,138

of tax deductions from 2016
to 2021 inclusive

PEOPLE

Employing those who share our goals and dream of changing the world for the good of all



over **1500**

employees

over **300**

employees with
higher education

18 years

average seniority
of employees



CONTACTS

We are always looking forward to fruitful cooperation and welcome new compelling projects

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