

## ENVIRONMENTAL PROJECT

### Sulphur Project at Polar Division



This is a large-scale environmental project designed to achieve a reduction in sulphur dioxide emissions by Nadezhda Metallurgical Plant and Copper Plant (both part of the Company's Polar Division) to the maximum permissible rates.

#### Highlights

Project CAPEX: up to USD **2.5** bn

Project completion is scheduled for **2022**

#### Location

Norilsk Industrial District, Krasnoyarsk Territory (Polar Division).

#### Project overview

Achieving a 75% decrease in sulphur dioxide emissions in the Norilsk Industrial District by 2023.

Nadezhda Metallurgical Plant will have new facilities for disposing of sulphur-rich gases, while Copper Plant will see an upgrade of its capacities that capture sulphur dioxide and produce elemental sulphur. In addition, some of Copper Plant's most polluting facilities that emit off-gas that is hard to capture will be shut down

due to their proximity to the residential area. Concurrently, a number of infrastructure projects will be implemented to supply the new facilities with all the necessary materials and power.

## 2018

- CAPEX – RUB 2.3 bn (USD 36 mln)
- Construction site preparation at Copper Plant

## 2019

- Finishing the preparation of engineering documents, obtaining regulatory approvals
- Launch of construction and installation operations

## 2020–2022

- Main phase: manufacturing and delivery of equipment, construction and installation operations, pre-commissioning