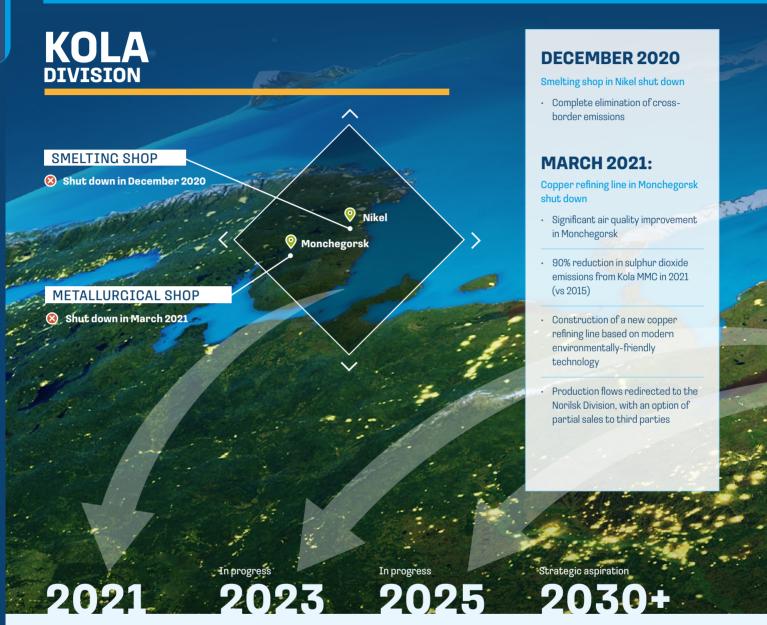
Co

24

## **Sulphur Project 2.0**

**ENVIRONMENTAL ROADMAP** 



Shutdown of an obsolete copper refining line on the Kola Peninsula

Metallurgical shop shut down on 20 March 2021. Launch of the Sulphur Project 2.0 at Nadezhda Plant to recover furnace gases

Launch of the Sulphur Project 2.0 at Copper Plant to recover furnace and converter gases

Recovery of low-sulphur gases (including converter gases) at Nadezhda Plant

Reduction in total SO<sub>2</sub> emissions at the Kola and Norilsk Divisions<sup>1</sup>

1 From a 2015 baseline.



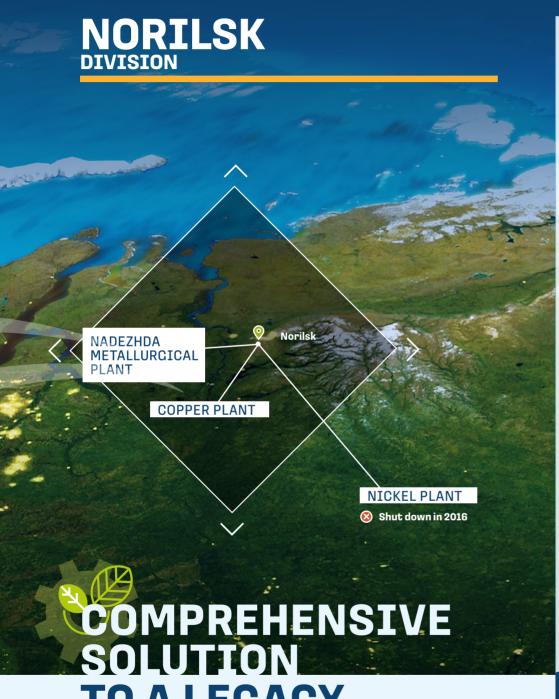












## NADEZHDA METALLURGICAL PLANT:

## **FLACSHIP PROJECT**

Construction of furnace gas recovery facilities, a sulphuric acid neutralisation line and associated infrastructure:

- · All key contracts signed
- Piling, steel works and gypsum storage dam raising are in progress
- The project provides for gas recovery following an expansion of the smelting shop's capacity (construction of the 3rd furnace)

## **COPPER PLANT**

The project aims to recover 99%–99.5% of SO<sub>2</sub> (in line with global best practice) and implies the construction of a continuous converting complex and an acid neutralisation line:

- Phase 1: gas cleaning unit retrofit in progress
- Phase 2: basic engineering / design completed
- FID taken in June 2021, construction to commence in 2022

TO A LEGACY PROBLEM OF SULPHUR DIOXIDE EMISSIONS

Investment
USD
4.1-4.3
bn