



Norilsk Nickel's goal is to achieve industry-leading emissions performance

Materials



Norilsk Nickel Great Norilsk Expedition

2.5 Mb



Expanding the Horizons of Sustainable Growth

5.1 Mb



Enabling the Transition to a Greener World

4.1 Mb

Related News



Nornickel unveils land rehabilitation plan to mitigate the impact of fuel spill in Norilsk



Siberian Branch of Russian Academy of Sciences sends Great Norilsk Expedition to Arctic



Nornickel signed contract on sulphur project for Nadezhda Metallurgical Plant



Vladimir Potanin kick starts the Sulphur Project at Copper Plant in Norilsk

Photo



Our mission

Protect human health and the environment from airborne contaminants with the ultimate goal of zero harm

Our Commitments

Nornickel's position statement on air:

Implement measures for transparent, effective and efficient management of emissions from our operations, collaborate with stakeholders and partners on securing responsible and sustainable air protection practices at the Company and deliver on our planned air quality-initiatives.

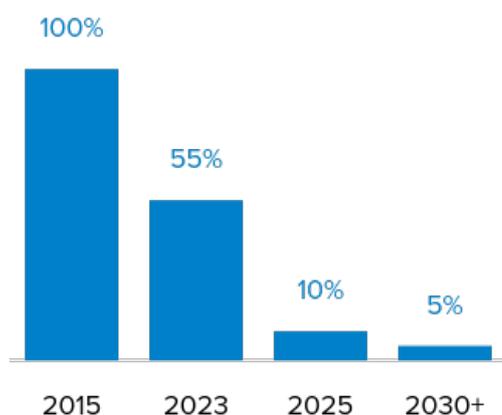
Our Targets

To deliver on our strategic objectives Nornickel will:

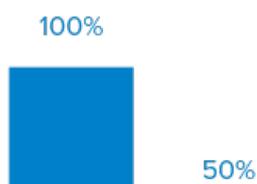
- Reduce absolute Kola Division SO₂ emissions by 85% in 2021 and Polar division SO₂ emissions by 90% by 2025 (vs.2015)
- Keep other air emissions (NO_x, solids, etc.) at one of the lowest levels in the industry
- Introduce an air quality monitoring system to assess and act upon ambient air quality and dust associated with mining
- Commit to and comply with global standards on air pollution related disclosure

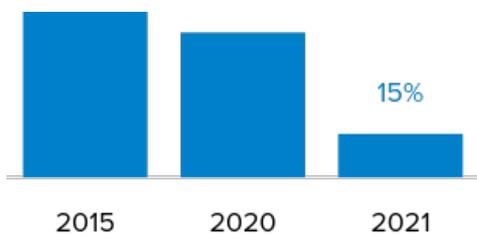
Implementation of the Sulphur Program helps the Polar Division (Norilsk) significantly lower its SO₂ emissions, while the Kola Division will achieve the level of global peers'

Norilsk division: SO₂ emissions forecast, %



Kola division: SO₂ emissions forecast, %





Kola Division

2020

Optimization of smelting operations in Nickle town to cut SO2 emissions in the Russian-Norway border zone

2021

Complete shutdown of smelting operations in Nickel town and the Copper line in the Kola Refinery

Polar Division

2023

Launch of anchor sulphur project at the Nadezhda smelter to capture furnace gases

2025

Launch of sulphur projects at the Copper plant to capture furnace and converter gases

2030+

Capturing of SO2 low-grade gases (including converter gases) at the Nadezhda Smelter

[➔ Please read more regarding the Sulphur Program](#)

Our next steps to achieve our targets

- Execute the Sulphur Program to achieve SO2 emission cuts
- Initiate and proceed with partnerships with selected organizations on scientific research and new technology solutions

Our Current results

High sulphur dioxide emissions from the smelting of sulphide concentrates with high sulphur content are a key environmental issue for the Company. Nornickel's strategic plan is to transform the Company into one of the most environmentally friendly business in the industry by implementing the Sulphur Program at the Polar Division and Kola MMC. We adopted a new comprehensive environmental protection program, conventionally called "Sulphur Program 2.0", an unprecedented environmental initiative that covers our key geographies.

At the same time Nornickel is performing well on other air quality metrics, for example, NOx and solids emissions are on par with peers

10 kt

NOx emissions vs. 50 k tonnes peer

average

13 t

solid dust vs. 37 t peer average