

Kola MMC



Cobalt production

Key features

Output

of up to 3 ktpa

2015 CAPEX

of over RUB 3 bn

Project completed

Production of high added-value (high-grade) commercial cobalt at the Kola MMC facilities using a unique technology developed by Gipronickel Institute's research team.

Refurbishment of Nickel Electrolysis Shop (Tankhouse-1)

Key features

Output

of 45 ktpa of nickel

2015 CAPEX

of c. RUB 0.7 bn

Outstanding CAPEX

of c. RUB 0.1 bn

The Project is completed

Refurbishment of buildings and structures, process and auxiliary equipment, engineering networks and ventilation system.

Upgrade of Nickel Electrolysis Shop (Tankhouse-2)

Key features

Maximum purity of metal output

Output

of 145 ktpa of nickel

2015 CAPEX

of over RUB 1 bn

Outstanding CAPEX

of c. RUB 16 bn

Nickel production using the technology of chlorine leaching of tube furnace nickel powder at the existing NES capacities.

Saline effluent disposal

Key features

Lower effluent volumes

2015 CAPEX

of over RUB 1 bn

Outstanding CAPEX for 2016–2020

of c. RUB 16 bn

Completion projected

for Q2 2016

Construction of a liquid waste evaporation unit for the electrolytic nickel production.

Disposal of saline effluent from nickel refining is among Kola MMC's key investment projects seeking to offset adverse effect of nickel production facilities on the ecosystem of water bodies adjacent to the Company's Monchegorsk production site.