

UPDATE ON META NICKEL GORDES OPERATION

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ABSTRACT

Nickel and cobalt are both essential component materials for the battery industry and play a key role in green energy technologies. Electric mobility and EVs are part of the solution to tackling climate change and building a sustainable green economy. Turkey's visionary group in mining and hydrometallurgy, Meta Nickel, believes in green technologies and continues to support the battery industry with the products it produces in the Gordes HPAL plant since the first day it was established.

Meta Nickel started the production of nickel and cobalt hydroxide, called MHP in the market, in the Gordes operation in 2015, continues production via the HPAL process as of today, and allocates the intermediate product to abroad. Meta Nickel has been ramping up its production and increasing nickel production year-by-year to reach the nameplate capacity and is currently the first and only nickel producer in Turkey.

In order to increase the added value, Meta Nickel aims to start new in-house investment projects in Gordes from the first quarter of 2023. Moreover, Meta would like to be a key producer for the battery industry in Turkey and European countries throughout the new form of the final product, battery-grade nickel and cobalt sulphate. In addition to these, sulphuric acid, the most significant reagent of the HPAL process, will be produced in the new production plant to reduce operating costs and also to obtain electricity via a Turbo Generator (TG) system.

Keywords: Nickel, cobalt, hydrometallurgy, HPAL, MHP, battery industry, investment