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Nickel Global Market And Trend

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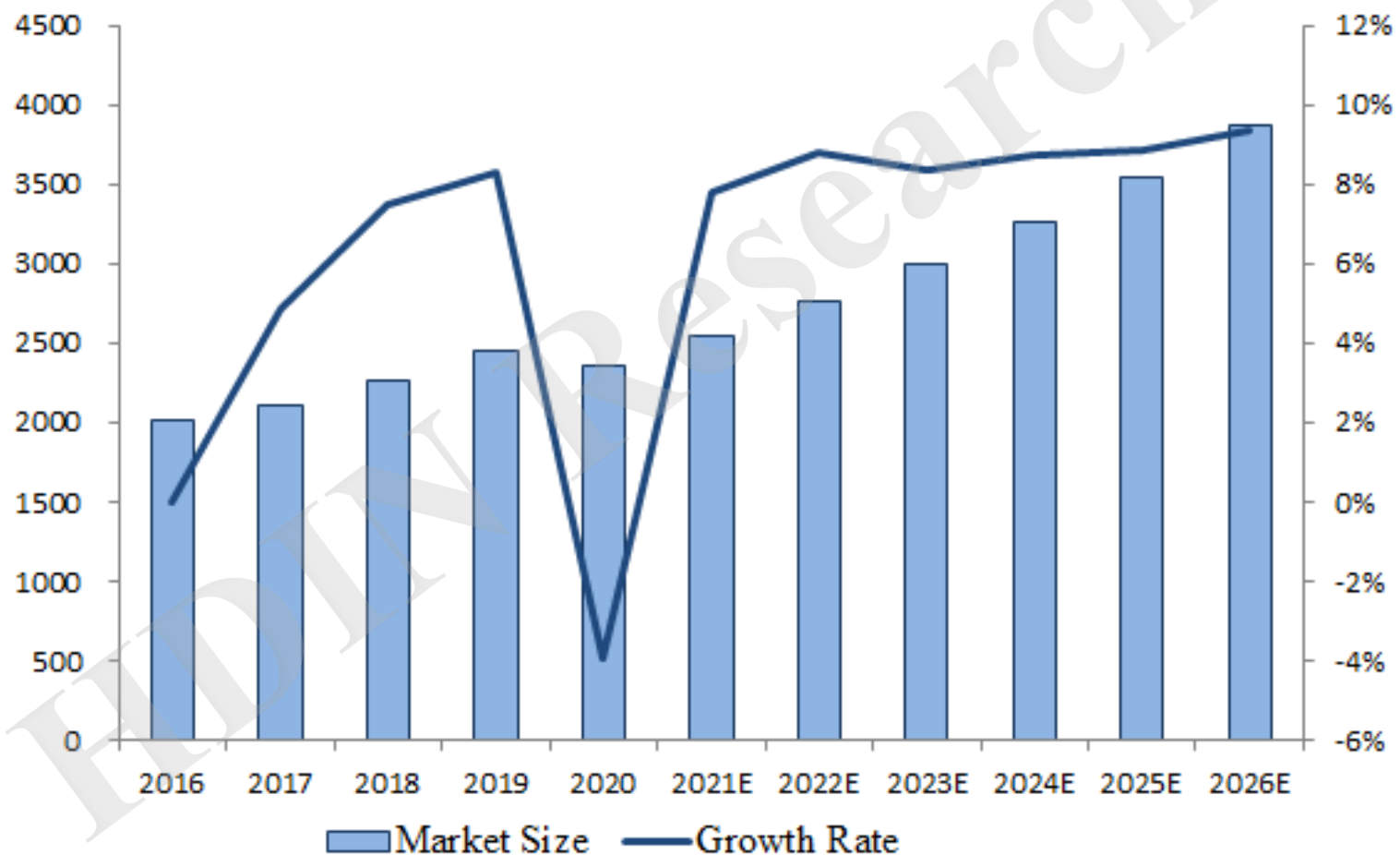


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Nickel is a silvery-white metal. Nickel metal has excellent ductility, magnetic properties, corrosion resistance, high-temperature resistance and chemical stability. Nickel ore is mainly divided into laterite nickel ore and nickel sulfide ore. The nickel laterite RKEF method is the current mainstream technology for smelting ferronickel. The process flow is: heap batching - drying kiln drying - rotary kiln roasting pre-reduction - electric furnace melting - ingot casting.

The global market size of nickel was 2.01 million tons in 2016, and the global market size grows to 2.54 million tons in 2021, with a CAGR of 4.8% from 2016 to 2021. Driven by the steady growth of stainless steel demand, the rapid growth of power battery demand, the global market size of a nickel is expected to increase to 3.87 million tons in 2026, with a CAGR of 6.8% from 2021 to 2026.

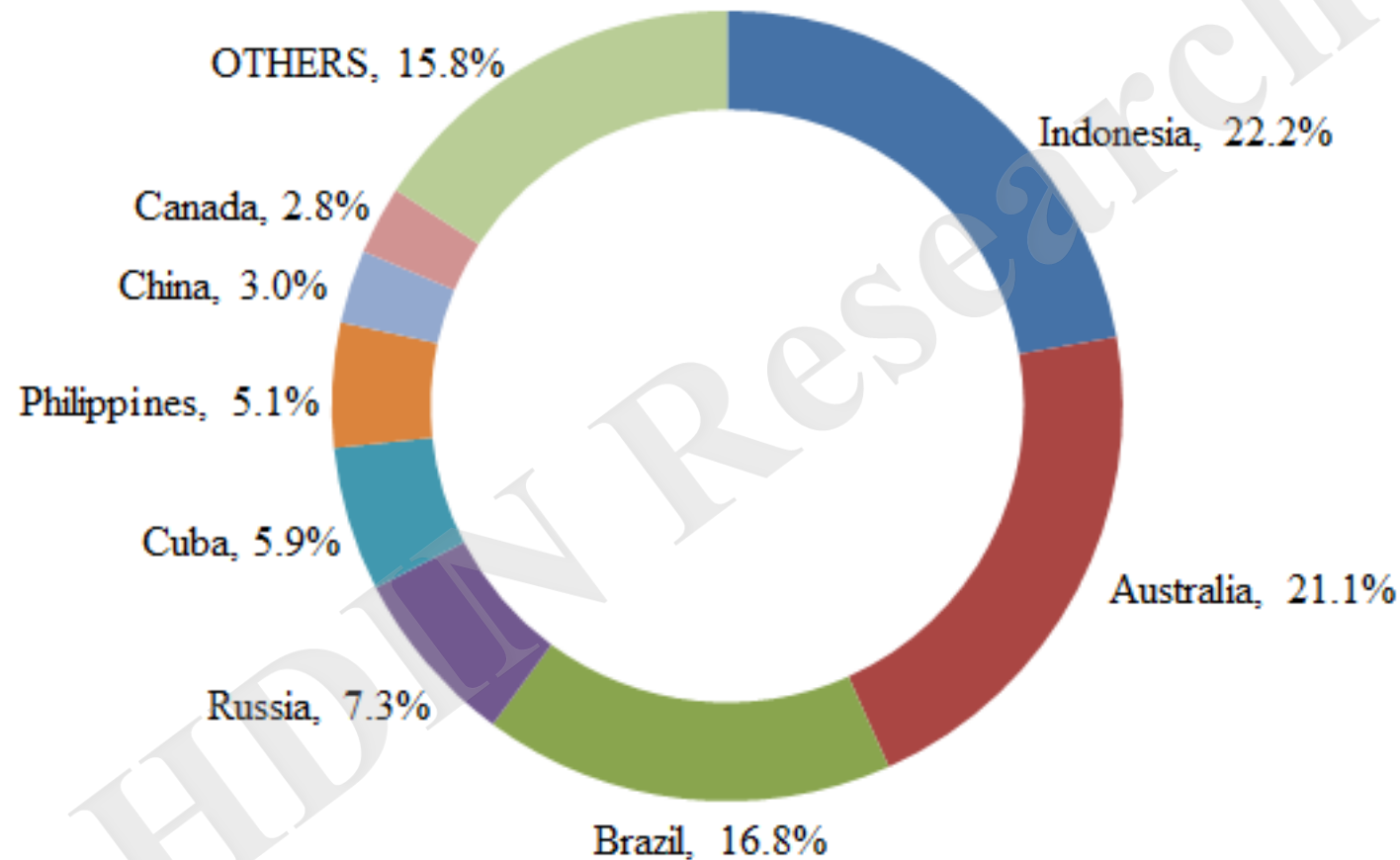
Global Nickel Market Size (1,000 tons) and Growth Rate



Global nickel reserves of 95 million metal tons in 2020, mainly in Indonesia, Australia, Brazil, Russia and other countries. The following is the global nickel resource reserves distribution.

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Global Nickel Reserves by Country (2020)



The main application of nickel includes stainless steel, alloys, electroplating, power batteries, etc. Among them, stainless steel has a wide range of downstream applications, accounting for 70% of the nickel consumption structure.

Global Nickel Market Share by Application

