

Nickel Cost Service

Maximise your investments with our analysis of costs, reserves, production, infrastructure, nickel quality and mine valuations

Independent analysis
of the industry cost
structure

Quarterly report on
individual analysis
of **175 projects**
and operations

120

companies
covered

175

assets
costed

Industry cost curves and analysis
on multiple metrics and structures

Use it to:



Value existing
assets and assess
the effect of new
projects on the
industry cost curve



Obtain
comprehensive
analysis on emerging
trends around the
world



Understand key data
at the asset level



Benchmark against
peers to understand
competitive position



Obtain cost
curves/leagues



Analyse competitor
assets to identify
acquisition
opportunities

Annual summary of operating costs
from **1992** with forecasts to **2040**



Nickel Sulphate Cost Service

Understand the nuances of the nickel sulphate industry and anticipate developments with insight into the entire nickel sulphate supply chain and the **operating costs associated with the production**

75+ assets costed including:

45 operating plants

25 development projects

50+

companies covered

20 years

forecast horizon

Outlooks for capacity, production and operating cost

Plant-by-plant benchmarking analysis for multiple producers or projects comparing production volumes, composition and operating cost breakdown

Individual profiles for **30 assets**

Industry cost curves and analysis on multiple metrics and structures

Use it to:



Benchmark against peers to understand competitive position



Uncover where major differences lie with detailed cost breakdowns of key operating line items



Analyse competitor assets to identify acquisition opportunities



Value existing assets and assess the effect of new projects on the industry cost curve



Investigate the unique costs of making nickel sulphate from a variety of intermediates



Explore the market conditions that make Class I based nickel sulphate particularly important, despite higher costs

Nickel Intermediates Service

Understand the dynamics of the **concentrate and intermediate markets** and their **impact on future capacity requirements**

Quarterly updates detailing **concentrate and intermediate balances**. Identify which smelters and refineries require feed and where concentrate and intermediate are available

Forecasts to
2050

Data tool with
a **ten-year outlook**
and **3** year
history

Current and historic
indicative
intermediate
payabilities

Coverage of the **flows of nickel intermediates** from smelters to refineries

Coverage of the
flows of nickel ores and concentrates from
mines to smelters

Use it to:



Obtain comprehensive analysis on emerging trends around the world



Develop detailed nickel concentrates and intermediates supply and demand forecasts for strategy and budget planning



Use the global supply and demand dynamics for benchmarking projects



Screen, identify, and evaluate growth and acquisition opportunities



Identify opportunities with the Concentrates Tool



Better understand risks & opportunities in your business environment



Nickel Market Service

Understand and anticipate developments within a supply and demand chain which faces pressure from the growing demand for EV batteries

In-depth analysis of supply-demand dynamics, project developments, demand areas, pricing, and future supply requirements

Detailed long-term outlook reports: major long-term outlooks with a **30-year** forecast to **2050+**

New nickel sulphate analysis built on **Wood Mackenzie's proprietary models**

Short-term outlooks to support quick, accurate decision-making

Client Excel datasheets of underlying data

Use it to:



Better understand risks & opportunities in your business environment



Quantify the impact of electrification on market dynamics and the price outlook



Stay informed about key industry events and issues and how they impact the nickel market



Monitor and analyse market fundamentals at global and country level



Obtain comprehensive analysis on emerging trends around the world



Identify mines, smelters & refineries & understand their probability of development