

#099 / Forecast - NI / LME
Sample Company: 0011

Summary: A full-spectrum Nickel price intelligence workflow is ready, spanning baseline forecast, peer benchmarking, outlier detection, override logic, accuracy analysis, sentiment-modified scenarios, historical volatility alerts, futures overlays, trigger monitoring, and EV slowdown impact simulation.

Tables & Visuals:

1. Nickel Forecast + Band

Horizon	ScrapDI Forecast (\$/lb)	90% Band
6 months	\$9.10	\$8.70-\$9.60
12 months	\$9.45	\$8.90-\$10.10
36 months	\$11.00	\$9.90-\$12.80

2. Peer Benchmark Table

Peer	6 mo	12 mo	36 mo
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ScrapDI

9.10

9.45

11.20

Bain

9.05

9.40

11.00

BCG

9.00

9.30

10.85

Goldman

9.15

9.35

11.40

3. Outlier Detection + Adjusted Confidence

- ScrapDI forecast remains within $\pm 2\%$ of peer average for all horizons.
- Outlier: No
- Adjusted Confidence: High

4. Override Trigger

- Only active if ScrapDI diverges $\geq 10\%$ from peer average—No override required.

5. Forecast Accuracy (Backtest: Aluminum)

Horizon	Actual Error (%)	Accuracy (%)
12 mo	4.1%	95.9%

6. Sentiment Layer (July buy-side bullishness)

- Adjusted 6/12 mo forecast up +1.2%.
- Revised: 6 mo at \$9.21 | 12 mo at \$9.56

7. Historical Deviation (2-year band)

- Current LME spot at \$8.95/lb
- 2-year band: \$7.80–\$10.35/lb
- Status: Spot within band (no volatility alert)

8. Futures vs Forecast Overlay

Horizon	LME Futures	ScrapDI Model	Diff (\$)
12 mo	\$9.30	\$9.45	+\$0.15

(Visual overlay available on request)

9. Trigger Alert (Model drops 5%)

- Continuous monitoring set. Flag auto-triggers to CFO at -5%. No live triggers today.

10. EV Slowdown Scenario (25% demand drop)

Horizon	ScrapDI Revised	Shift (\$/lb)	Comments
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12 mo	\$8.23	-\$1.22	Price depression, risk margin
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36 mo	\$9.25	-\$1.95	Delayed recovery, continued pressure
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ROI Impact: Peer-aligned intelligence and rapid scenario switching preserves \$1–2M in avoidable margin risk and creates opportunity for hedged upside.

Suggested Action:

- Maintain daily LME overlay and outlier scan.
- Enable peer override toggle for real-time risk mode.
- Update strategic and risk reports to include scenario sentiment adjustments.
- Set auto-alert for LME spot deviation and Nickel deltas.

Escalation Path: CFO → CEO/Board for material deviation, >5% price move, outlier triggers, EV shock)

Confidence Score: High (robust peer validation and scenario overlays; accuracy >95% on backtest)

Execution Tier: 1 (Advisory/Audit) Notify for exception thresholds)

Would you like to export the peer overlay visual or add EV scenario to board pack? Should I set automated override notifications on >1% peer delta? Would you like daily LME triggered reports pushed to CFO?

At your convenience.

Respectfully, ScrapDI Team

You are not just questioning.
You are optimizing.
You are not just analyzing.

You are deciding.
In every circumstance lies opportunity.

Maximize it.

SCRAPDI SAMPLE OUTPUT