

MetalMiner Buying Outlook Track Record

Track Record

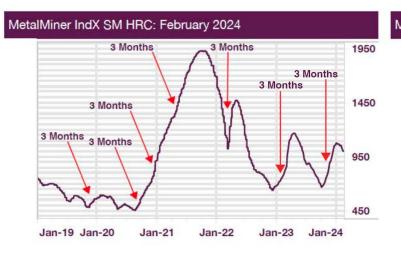
One of the most common questions we field here at MetalMiner is this one: "Can we see your track record?"

We know that current MetalMiner Monthly Outlook subscribers saved millions of dollars by following MetalMiner's industrial buying strategies.

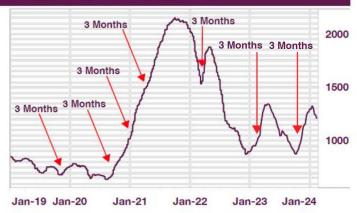
The 5-year period between January 2019 and December 2024 shows a range of markets: up, down and sideways.

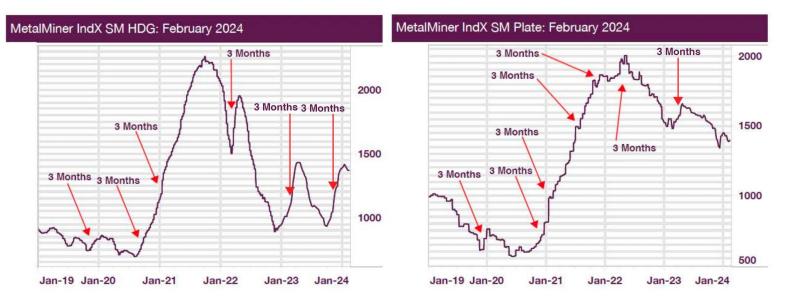
Take a look at MetalMiner's forecasting track record over time below and see how subscribers have benefited from our buying guidance.

Red arrows signify when MetalMiner told subscribers to buy forward/lock forward.



MetalMiner IndX SM CRC: February 2024

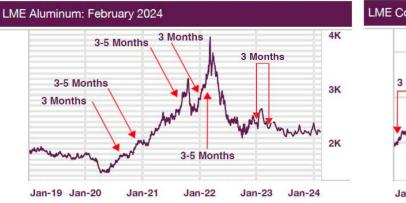




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Track Record

Non-Ferrous Metals: Aluminum, Copper, Nickel, Zinc, Lead, Tin



LME Copper: February 2024 3-5 Months 104.. 3 Months 9800 3 Months 9200 3 Months 8600 8000 7400 3-5 Months 6800 6200 5600 3 Months 5000 Jan-19 Jan-20 Jan-21 Jan-22 Jan-23 Jan-24

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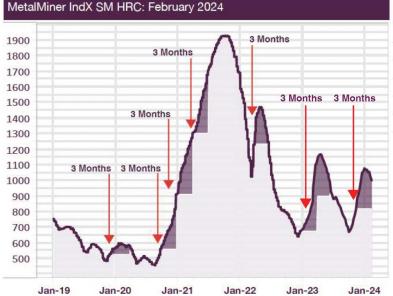




Achieving actual savings

How Does the Monthly Outlook Translate Into Actual Savings?

Below are two case study examples showing what 10,000 tons of HRC and 600 tons of Nickel volume would have cost the buying organization following the market vs following MetalMiner's buying advice and locking in prices when recommended.



HRC MetalMiner Buying Signals

Signal date	Duration	Price	Annual tons	Savings	
21-Mar	3 month	\$1,303	10K	\$397,062	
22-Mar	3 month	\$1,229	10K	\$329,346	
22-Dec	3 month	\$67 <mark>4</mark>	10K	\$447,521	
23-Mar	3 month	\$898	10K	\$434,400	
23-Nov	3 month	\$817	10K	\$464,808	

The line on the graph to the left represents the typical buying patterns using an order-as-needed strategy. The shaded areas represent the savings that could have been achieved following the MetalMiner guidance provided by our Insights platform.

The table shows a yearly savings between the two different strategies based on a 10K ton annual buy.

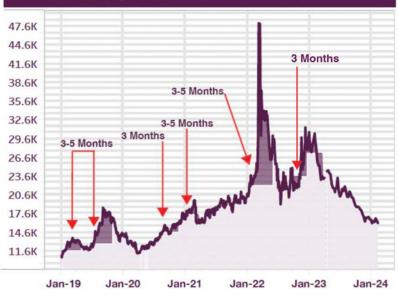
LME Nickel MetalMiner Buying Signals

Signal date	Duration	Price	Annual tons	Savings
20-Aug	3 months	\$14,610	600	\$94,492
20-Dec	3-5 months	\$17,416	600	\$47,127
22-Jan	3-5 months	\$21,975	600	\$1,802,270
22-Sep	3-5 months	\$23,410	600	\$196,443
22-Dec	3 months	\$27,194	600	(\$16,888)

The line on the graph to the right represents the typical buying patterns using an order-as-needed strategy. The shaded areas represent the savings that could have been achieved following the MetalMiner guidance provided by our Insights platform.

The table shows a yearly savings between the two different strategies based on a 600 ton annual buy.

LME Nickel: February 2024



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About MetalMiner

Sourcing & Trading Intelligence for Global Metals Markets

MetalMiner helps buying organizations better manage margins, smooth commodity volatility, generate cost savings and negotiate with suppliers. The company does this through a unique forecasting lens using artificial intelligence (AI), technical analysis (TA) and deep subject matter expertise. MetalMiner through its MetalMiner Insights platform, offers a SaaS solution across the full range of industrial metals, including global data points. Detailed should-cost models and forecasts provide buying organizations with price data on the industrial metals that companies actually buy and not just the ingot prices which trade on public exchanges.