

Metal Matters

14 August 2023

Nickel Industries bringing in local partner for ENC Project in Indonesia

ASX-listed Nickel Industries <u>announced</u> that it is seeking shareholder approval in September for a US\$620 million share placement of 20% of its shares to PT Danusa Tambang Nusantara (DTN), a unit of Indonesia's PT United Tractors Tbk (UT). The move will give Nickel Industries access to UT's mining, power and infrastructure development and operating experience in Indonesia. Nickel Industries is well advanced with the feasibility study that will allow a final investment decision to be made with respect to Stage 1 of the Excelsior Nickel Cobalt (ENC) Project. The project is a high pressure acid leach plant, with expected annual production of 72,000 Mt of contained nickel equivalent metal. The share placing will help fund an investment in the ENC project that would give Nickel Industries a 55% share, DTN has a right to acquire 20% contingent on the completion of the share placement. Separately, Nickel Industries <u>announced</u> the completion of a haul road between its 80%-owned Hengjaya Mine and the Indonesian Morowali Industrial Park. Completion will allow the mine to increase sales of nickel laterite ore from 3.5 Mtpa to 10 Mtpa.

Energy Storage News <u>reported</u> that Morocco's country's state-funded renewable energy development organisation Masen has launched prequalification for a large solar plus storage project. The project will combine a solar PV array with a battery energy storage system (BESS). Net capacity during off-peak hours will be 200MW alternating current. During peak hours, the project is expected to provide around 400MWh of energy from the BESS. Masen will enter into a 30-year power purchase agreement (PPA) with the project, while also acting as shareholder and land provider.

Reuters <u>reported</u> that Peru's ministry of energy and mines has indicated that copper production was 241,801 Mt in June, a rise of 21.8% compared to last year, resulting in a 17.6% increase in output for the six months of the year. The rise has occurred despite the widespread protests earlier in the year that affected mining activity.



LBMA Silver Price (USD, 12 months to 11 August 2023)

Source: Bloomberg



Metal prices

Metal	Price USD (11 August)	Weekly change %	Year-to-date change %	Price vs 200 day moving average	Price vs 52 week high
Gold	1915.8	-1.4%	5.6%	101.3%	93.5%
Silver	22.69	-3.2%	-5.2%	98.4%	87.2%
Palladium	1324	5.2%	-25.4%	85.1%	57.2%
Platinum	911	-0.9%	-11.6%	91.6%	80.8%
Cobalt	35048.7	-2.0%	-18.9%	93.9%	61.9%
Copper	8242	-2.5%	-1.7%	96.6%	87.3%
Nickel	20000	-4.7%	-34.3%	82.5%	64.1%

Bloomberg codes: GOLDLNPM, SLVRLND, PLDMLNPM, PLTMLNPM, BYW1, LOCADY, LONIDY Notes. All performance data to 11 August 2023. Past performance is not an indicator of future performance and the value of an investment may fall as well as rise. Investors take on currency risk when taking unhedged exposure to commodities.

The week ahead

14 Aug	IN: Inflation Rate; DE: Wholesale Prices; US: 3 & 6 Month Bill Auctions
15 Aug	CN: Industrial Production; CN, US Retail Sales; JP: GDP Growth Rate; DE: ZEW Sentiment Index; US: NY Empire State Manufacturing Index, Net Long-Term TIC Flows
16 Aug	JP: Reuters Tankan Index; UK: Inflation Rate; EU: Industrial Production, GDP Growth Rate; US: Housing Starts, Industrial Production, FOMC Minutes
17 Aug	JP: Machinery Orders; EU, JP: Balance of Trade; US: Philadelphia Fed Manufacturing Index
18 Aug	JP, EU: Inflation Rate; UK: Retail Sales

Further reading

Bloomberg	Three Trends to Watch in Electric-Vehicle Charging		
Bloomberg	Codelco and Anglo American Discuss Mining Pact to Lift Copper Output in Chile		
Bloomberg	<u>Maxeon Seeks to Spend \$1.2 Billion Building Biggest US Solar Factory</u>		
Reuters	<u>BYD calls on China automakers to unite, 'demolish the old' in global push</u>		
Reuters	Siemens Gamesa has fix for onshore wind turbine problem		

Metal Research Major Exchanges Total Copper Inventories (MT)



Data: as at 10 August 2023

Source: Bloomberg



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