



# GMTL

## Global X Green Metal Miners ETF



### Invest in the picks and shovels behind the clean energy transition.

#### Commodities — Miners

#### FUND DETAILS

ASX Code	GMTL
Bloomberg Code	GMTL AU
IRESS Code	GMTL.AXW
Benchmark	BITA Global Green Energy Metal Index
Mgt. Fee (% p.a.)	0.69
Rebalance Frequency	Semi-annually
Distribution Frequency	Annually
W-8 BEN Form Required	No

#### KEY FEATURES



Structural tailwinds which are backed by government and corporate clean energy transition initiatives.



Diversified exposure to the materials sector with strategic allocations to green metals such as lithium, copper, nickel and cobalt.



Surging demand for green metals and impending supply crunches are set to spark potential growth.

#### INTRODUCING GMTL

GMTL provides exposure to global companies which produce critical metals for clean energy infrastructure and technologies, including lithium, copper, nickel and cobalt. GMTL seeks investment results that correspond generally to the performance, before fees and expenses, of the BITA Global Green Energy Metals Index (the “Index”).

#### DID YOU KNOW?

- Clean energy accounted for almost three-quarters of total energy investment in 2022 – equalling around US\$1.4 trillion<sup>1</sup>.
- Building clean energy technology - like electric cars, offshore wind turbines and solar arrays – requires far more metal than fossil fuel alternatives.
- If climate pledges are honoured, demand for clean energy technologies backed by green metals could quadruple by 2040, with some metals, such as lithium, forecast to be in deficits for years<sup>2</sup>.

#### WHAT ARE GREEN METALS?

Green metals refer to the minerals needed for the clean energy transition. They are; copper, lithium, cobalt, nickel, zinc, chromium, aluminium, rare earths and platinum group metals. Each mineral is used extensively in the production, transmission, and storage of renewable energy.

To give some examples, copper and aluminium are required to expand the grid, allowing the transmission of renewable electricity. Lithium, cobalt, and nickel are required for batteries. Zinc is required for galvanising steel, used in offshore wind turbines especially. And rare earth elements are required to build permanent magnet motors, which are used in electric cars.

#### GOING GREENER FOR GROWTH

Green metals will be instrumental in helping worldwide efforts to fight global warming. The Paris Agreement in 2015 was pivotal in uniting governments and corporations alike with a common goal to reach net-zero carbon emissions by 2050<sup>3</sup>.

To meet these targets, a seismic shift to renewables is starting to take place. Revenue from green metal mining and production is set to outpace coal well before 2040, according to the IEA. This owes to the volume of these commodities needed to produce cleaner power.

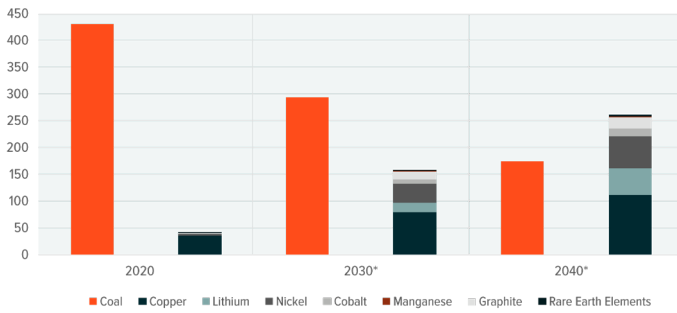
- It only takes 22 kilograms of copper to make a conventional car, whereas EVs need 53 kilograms alongside other minerals such as lithium and cobalt.
- Thermal power plants – be they coal fired or gas turbine – require 1 – 1.5 tonnes of copper for every megawatt of electricity they produce. By contrast, an offshore wind farm requires 8 tonnes to produce this output.

As demand increases for green metals, supply will contract-effectively driving up commodity prices.



**MINING REVENUE (BILLIONS)**

Source: IEA. Data as of August 2021.  
\*Estimates



**HOW GMTL WORKS**

- GMTL tracks the BITA Global Green Energy Metals Index.
- It includes companies which make more than 50% of their revenue mining or producing green metals (with respect to minimum market capitalisation and liquidity requirements).
- ESG screening identifies companies observing reasonable industry standards and ensures miners which rate poorly are excluded.
- An individual stock cap of 7% is implemented to prevent large companies from swaying the index too heavily.
- Allocations are capped such that a maximum of ten stocks are included per mineral group to ensure diversification.

**HOW TO USE GMTL IN A PORTFOLIO**

- To express a medium to long term view on targeted commodities with increasing demand to support the transition to renewable and clean energy technologies.
- GMTL offers access to the resources sector with an ESG tilt which works to restricts fossil fuel companies.

For more information on Global X Green Metal Miners ETF (ASX Code: GMTL), please speak to Global X ETFs.

**Client Services**

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[1] World Energy Investment 2022 (windows.net)  
 [2] Mineral requirements for clean energy transitions – The Role of Critical Minerals in Clean Energy Transitions – Analysis - IEA  
 [3] <https://unfccc.int/process-and-meetings/the-paris-agreement/the-paris-agreement>

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