#### **BlackRock**

Natural Resources team February 2021

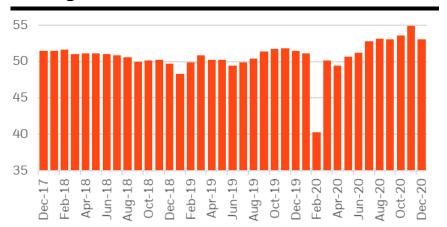


# BlackRock World Mining Trust Plc

Capital at risk. The value of investments and the income from them can fall as well as rise and are not guaranteed. Investors may not get back the amount originally invested.

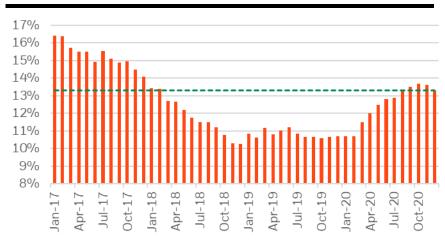
#### 2021 set to be another strong year for metal demand

# China Caixin Manufacturing Purchasing Managers' Index (PMI)



Source: Datastream, 31/12/2020.

#### China Aggregate Financing (yoy change)

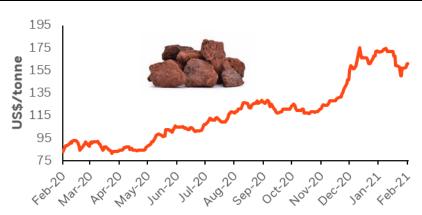


- Manufacturing activity continues to accelerate in China with PMI back at 2011 levels
- Record stimulus announced in response to COVID-19. China showing no signs of slowing credit growth into year-end
- Given lagged nature between credit issuance & spend, infrastructure & property investment look well supported into 2021
- China's 14<sup>th</sup> Five Year Plan to focus on reducing carbon emissions -> positive for copper and other battery related materials

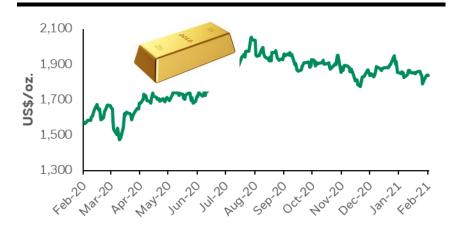
Source: Datastream, 31/12/2020.

# Mined commodity performance strong, oil recovering but still down since end 2019

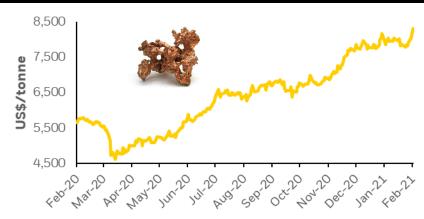
#### Iron ore (62% fe.)



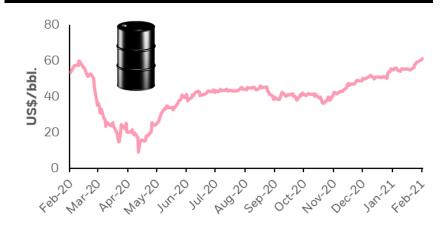
#### Gold



#### Copper



#### **Brent oil price**



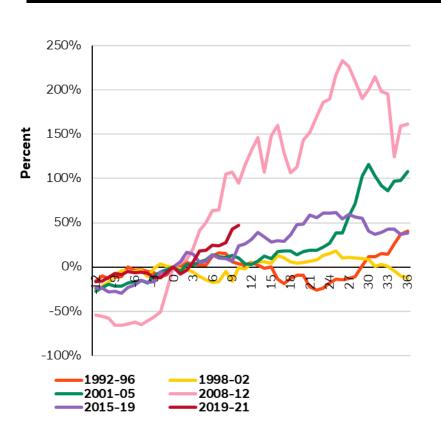
Source for all charts: Datastream, 10/02/21.

#### Where are we in the mining cycle?

#### **FTSE 350 Mining Index**

#### 300% 250% 200% Percent 150% 100% 50% 0% 18 21 24 27 27 30 33 36 -50% -100% 1992-96 1998-02 2001-05 2008-12 -2015-19 2019-21

#### Copper

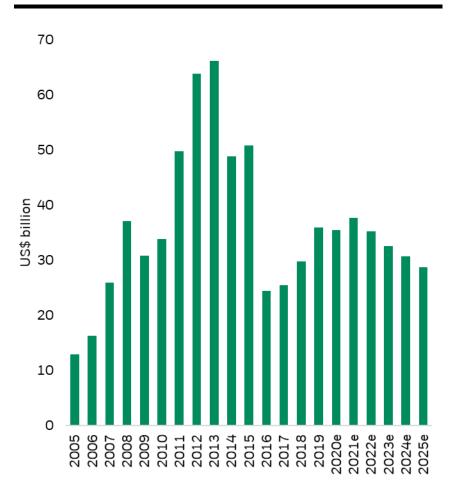


Source for all charts: Datastream, 03/12/20. The figures shown relate to past performance. Past performance is not a reliable indicator of current or future results.

# Key drivers for the sector from here

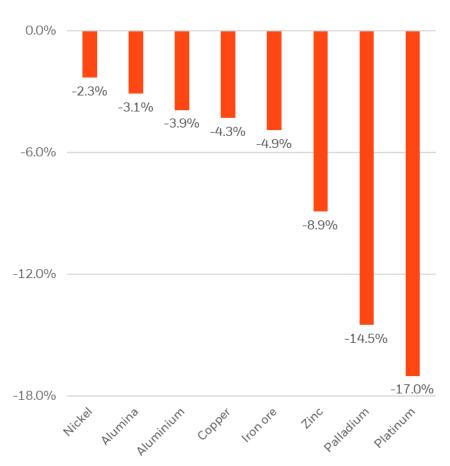
# 1) Underinvestment drives tightness across commodity markets

#### Global mining capex (US\$bn)



Source: Morgan Stanley, 31/10/20.

### 2020 mined production estimates - current versus start of the year



Source: Wood Mac, Norilsk, Barclays Research estimates, 30/09/20

#### **Copper case study**



#### Copper growth forecast - current vs Dec-19

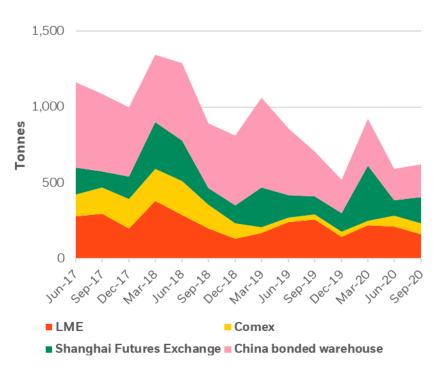
# 5,000 — Current forecast project growth — Dec-19 forecast project growth 2,000 1,000 2020 2021 2022 2023 2024 2025

Copper production is expected to ramp up slower than had been expected, increasing the potential for deficits.

Forward-looking estimates may not come to pass.

Source: Morgan Stanley, 30/09/20

#### **Global copper inventories**



Inventories give an indication of the amount of a commodity that is above ground and ready to be used. Global inventories of copper are low versus history today, suggesting a tight market.

Source: WBMS, Bloomberg, 31/20/20

#### 2) Synchronised global infrastructure spend



As part of China's attempts to stimulate its economy in the COVID-19 crisis, it has issued ~ US\$550 billion in special bonds to be spent on infrastructure. This will include investment in buildings, roads, airports and railways, which tends to be commodity intensive.



At the same time, US president
Joe Biden is in favour of ramping
infrastructure investment, having
outlined a US \$2 trillion
renewable energy investment
plan.



The European Green Deal is a set of policy initiatives by the European Commission with the overarching aim of making Europe climate neutral in 2050

#### Highlights:

- Net-zero target: Plan to reach net zero carbon emissions by 2050 with a 50-55% reduction by 2030 (from a 1990 base).
- Energy Efficiency: Accelerate the pace of building renovation by 2-3x (from current 1%).
- Power: Significantly expand grid investment to support the roll-out of renewables. Expect to launch a 15GW 2-yr renewable energytender.
- Transport: Accelerate decarbonisation through investment in electric vehicle charging infrastructure and promotion of electric vehicles (purchase incentives, VAT cuts).

Source: Bloomberg and BlackRock, February 2021

#### 3) What could drive higher than expected inflation?

#### BlackRock Investment Institute recently identified 3 new forces they expect to boost inflation

1

#### Rising global production costs

The COVID-19 could speed up **deglobalisation** and the **remapping of supply chains** for greater resilience against a range of potential shocks. Less offshoring could give domestic workers more bargaining power on wages, especially in places where the political pendulum is swinging toward addressing inequality.

2

#### Central banks allowing for inflation overshoots

Major central banks are evolving their policy frameworks and explicitly **aim to let inflation overshoot their targets**. After having persistently undershot its inflation goal, the **Federal Reserve** has adopted a new policy framework to **deliberately push inflation above target** to make up for past misses.

3

#### Pressure to keep rates low in a high-debt environment

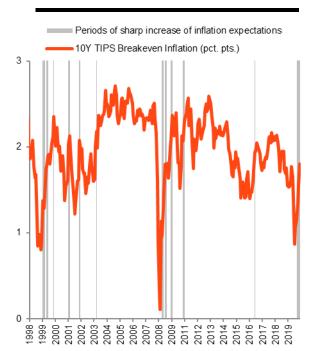
The blurring of fiscal and monetary policy in response to the COVID-19 crisis could make the decision to tighten monetary policy more politicised in BII's view. Significantly higher debt loads would mean **debt servicing costs would rise considerably when rates are eventually increased.** 

Unprecedented money printing + significant stimulus in response to Covid-19 to drive higher than expected inflation over the medium term

Source: BlackRock, February 2021

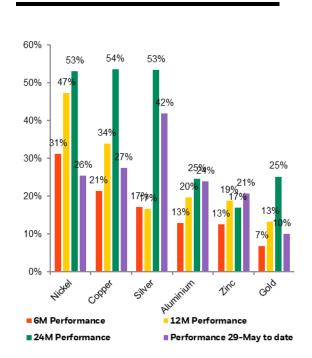
#### Mining sector track record during periods of rising inflation

#### 10Y TIPS Breakeven Inflation



In a recent paper, Morgan Stanley identified 11 periods since 1998 in which inflation was 'sharply rising'. This was defined as periods with a >39bps Q/Q increase in 10Y TIPS breakeven inflation.

#### **Commodity price performance**



Mined commodity prices performed strongly on average during these 11 periods over 6, 12 and 24 months. Unlike equities and bonds, commodity prices tend to be positively correlated with inflation expectations.

#### Mining equity performance



Mining equities performed very strongly on an absolute basis and relative to broader equity markets on average in these 11 periods.

Source: Morgan Stanley and Datastream, 15/10/20. The figures shown relate to past performance. Past performance is not a reliable indicator of current or future results.

#### 4) Decarbonization a multi-decade driver for the sector

The mining sector will play a key role in the energy transition, supplying the materials needed to build lower carbon technologies

Governments are using COVID-19 stimulus measures to accelerate investment into decarbonisation of power (renewables & solar) as well as electric vehicles

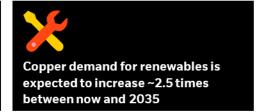
China recently announced its ambition to be carbon-neutral by 2060. Over the next 5 years it is targeting 25% EV penetration; a 2x increase in wind power & a double of grid investment

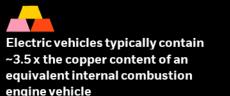
Japan & South Korea recently announcing carbon neutral targets by 2050





huge investment





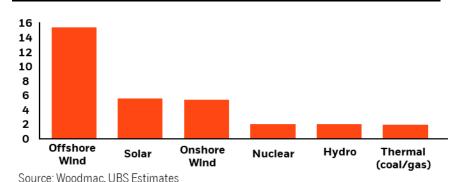




Source: BlackRock, February 2021

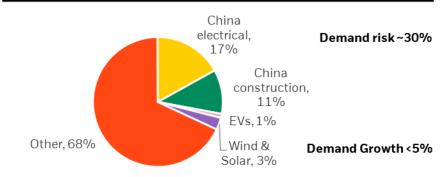
#### Copper a key beneficiary of decarbonisation

# Copper intensity of different power generation methods (t Cu/ MW)



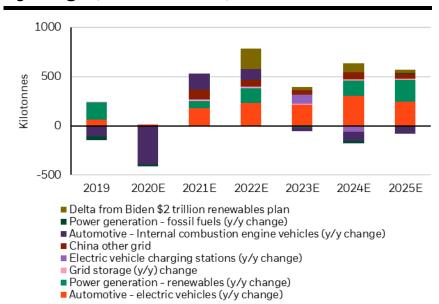
Renewables + EV's could add 2Mt of copper demand by 2025; 4.5Mt by 2030. This equates to 7% & 16% of current copper demand respectively

#### 2019 Cu demand: "growth" vs "at risk" sectors



Source: UBS Estimates, 31/12/20.

# Expected annual chg in copper consumption by usage (Citi base case)



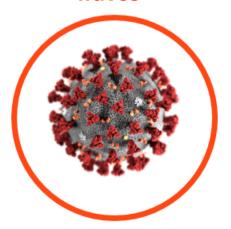
Source: Citigroup Research

Citigroup estimates that copper consumption from EV's & power infrastructure will grow by **450ktpa** (base case) over the next 5 years and **670ktpa in their bull case** scenario

 Combined with known supply side challenges gives conviction in medium term bullish copper view

#### 5) Potential risks

# COVID-19 second waves



Should second-waves of COVID-19 prove to be more severe than is currently expected and the negative impact on global economic growth is larger, then the mining sector is likely to come under pressure.

# US-China trade tensions



US-China relations appear to have deteriorated in recent months. Given the importance of China for the mining sector, any developments which threaten China's growth would likely create a challenging environment for the miners.

#### Company illdiscipline



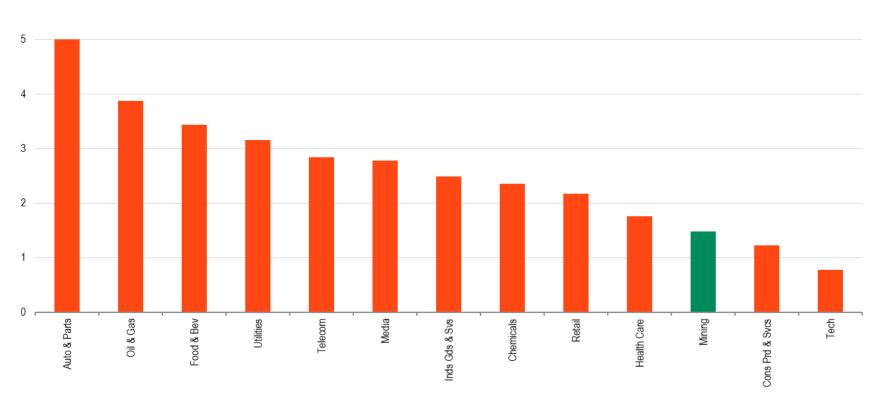
Should mining companies revert back to old ways of poor capital discipline then we would see that as a cause for concern. We believe this to be a limited risk in the near-term as rhetoric from management teams continues to be encouraging.

Source: BlackRock, February 2021. For illustrative purpose only. The opinions presented are as of the date noted and may change as subsequent conditions vary. Any opinions, forecasts presented herein represent an assessment of the market environment at a specific time and is not intended to be a forecast of future events or a guarantee of future results.

# **Valuations**

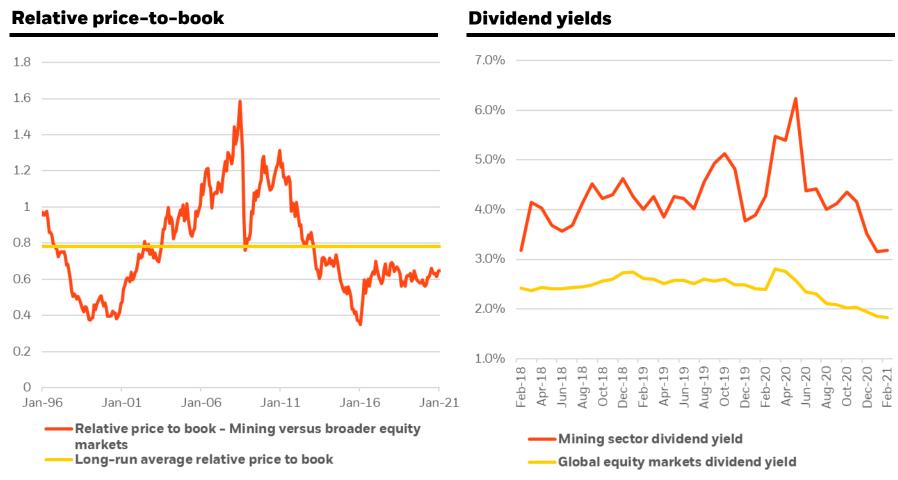
# Balance sheet strength makes the sector relatively well positioned to weather a downturn

#### Europe sector - net debt / EBITDA (trailing 12 month period)



Source: Datastream, 10/02/21. For illustrative purpose only. The opinions presented are as of the date noted and may change as subsequent conditions vary. Any opinions, forecasts presented herein represent an assessment of the market environment at a specific time and is not intended to be a forecast of future events or a guarantee of future results. EBITDA stands for Earnings Before Interest, Taxes, Depreciation, and Amortization.

#### **Valuations**



Source: DataStream, 10/02/21. Mining sector represented by the World DS General Mining Index. Global equity markets represented by the World DS Market Index. For illustrative purpose only. The opinions presented are as of the date noted and may change as subsequent conditions vary. Any opinions, forecasts presented herein represent an assessment of the market environment at a specific time and is not intended to be a forecast of future events or a guarantee of future results.

#### **Dividend increases from the miners**

Rio Tinto to pay out record \$9bn in dividends for 2020

Vale Set to Join Peers in Doling Out **More of Mining Windfall** Bloomberg, 25th February 2021

**Lundin Mining confirms 50%** increase in Cash Dividends Investing News Network, 19th February 2021

Newmont declares 38% higher quarterly dividend Mining Journal, 18th February 2021

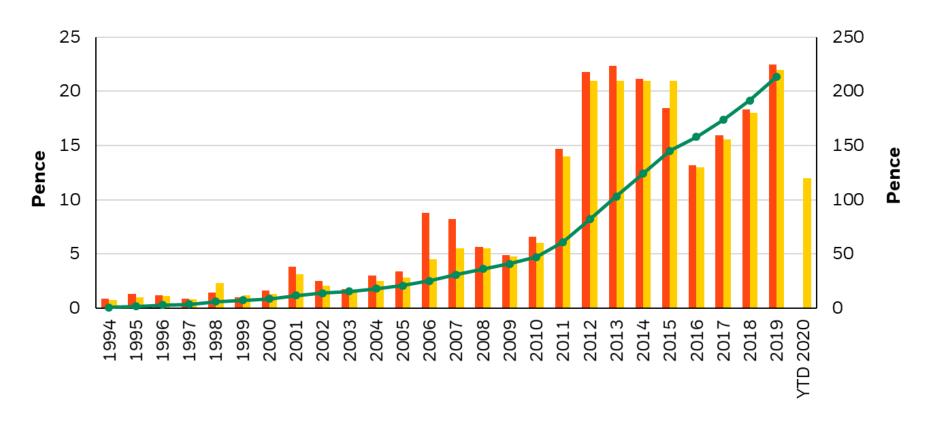
#### BHP and Glencore shareholders in line for bumper dividends payouts

This is Money, 16th February 2021

Source: Various news articles. For illustrative purposes only. The specific companies identified and described above do not represent all of the companies purchased or sold, and no assumptions should be made that the companies identified and discussed were or will be profitable.

# BlackRock World Mining Investment Trust

# BlackRock World Mining Trust - Revenue EPS and dividends track record

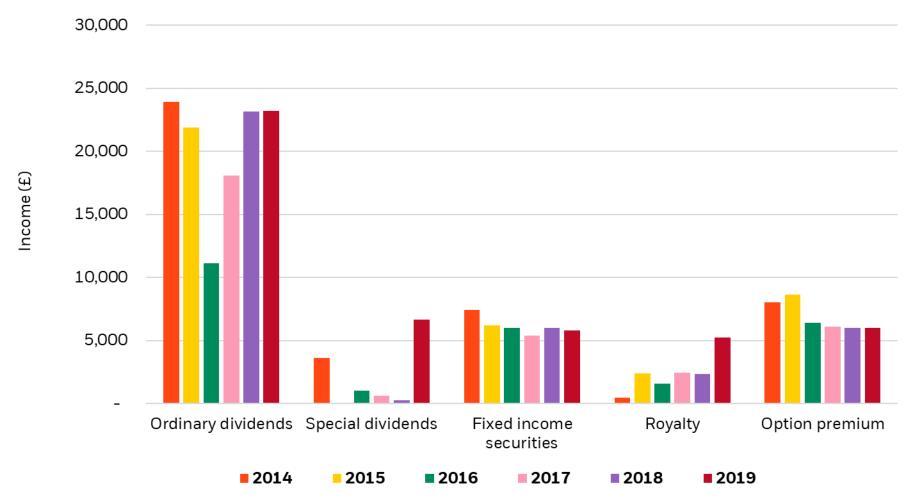


Revenue earnings per ordinary share — Dividends per ordinary share — Cumulative Dividends (RHS)

The figures shown relate to past performance. Past performance is not a reliable indicator of current or future results and should not be the sole factor of consideration when selecting a product or strategy.

Source: BlackRock World Mining Trust 2020 Interim Report. **Capital at risk.** The value of investments and the income from them can fall as well as rise and are not guaranteed. Investors may not get back the amount originally invested. Dividends stated are net.

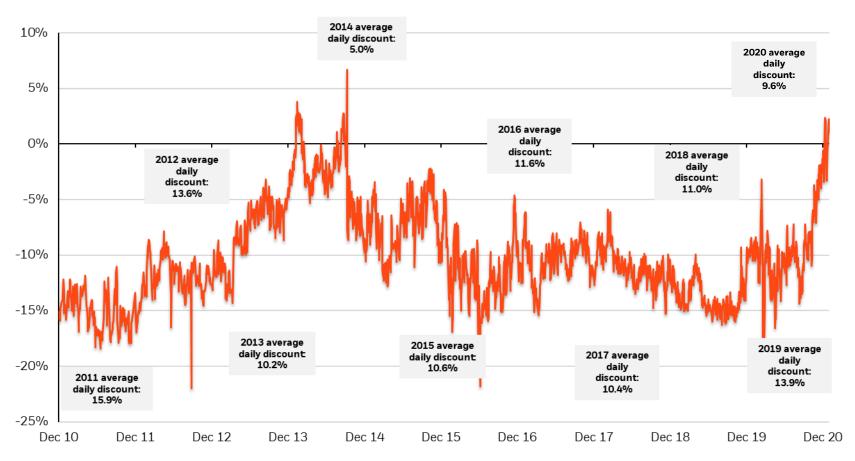
# BlackRock World Mining Trust - Income generation breakdown 2014 - 2020



The figures shown relate to past performance. Past performance is not a reliable indicator of current or future results and should not be the sole factor of consideration when selecting a product or strategy.

Source: BlackRock World Mining Trust 2014-2019 Annual Reports.

# **BlackRock World Mining Trust plc - Discount to NAV evolution**

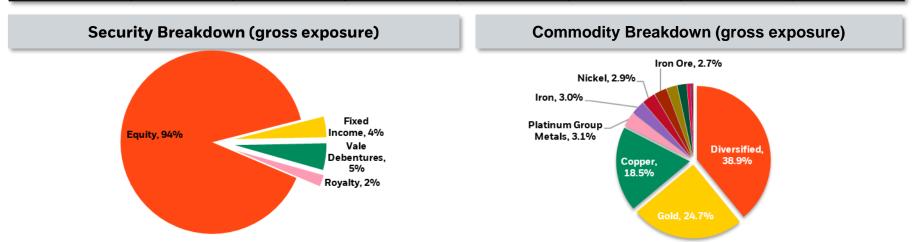


The figures shown relate to past performance. Past performance is not a reliable indicator of current or future results and should not be the sole factor of consideration when selecting a product or strategy.

Source: BlackRock 12<sup>th</sup> February 2021.

#### **BlackRock World Mining Trust plc**

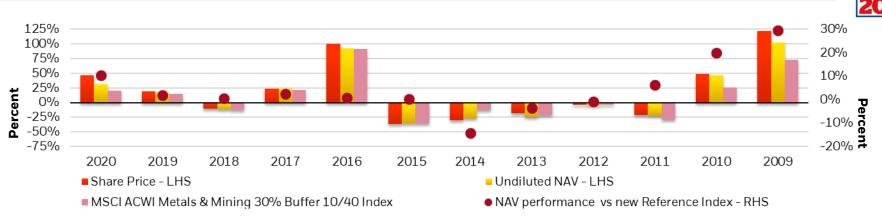
Net gearing as	at end Janu	ary 2021:	12.6%	AUM as at o	£1.05bn			
Company exposure	% Holding	Geography	Commodity	Deleveraging	Growth	Quality	Resource Replenishment	
Vale*	11.4%	Global	Diversified		✓	✓	✓	
ВНР	8.0%	Global	Diversified			✓	✓	
Anglo American	7.1%	Global	Diversified		✓			
Rio Tinto	6.2%	Global	Diversified			✓	✓	
Freeport McMoran	5.3%	Global	Copper		✓			
Newmont	4.4%	Global	Gold			✓		
Barrick Gold	4.0%	Global	Gold			✓		
Glencore	4.0%	Global	Diversified		✓			
Oz Minerals**	3.4%	Australia	Copper		✓			
Wheaton Precious Metals	3.2%	Global	Gold		✓			



Source: BlackRock, 31 January 2021. Data shown above is for illustrative purposes only and does not necessarily represent the current or future allocation of the fund. Percentages may not sum to 100 due to gearing in the portfolio. The specific companies identified and described above do not represent all of the companies purchased or sold, and no assumptions should be made that the companies identified and discussed were or will be profitable.\*Includes 4.2% debenture. \*\*Includes 1.7% royalty. \*\*\*Includes 1.6% debt.

#### **BlackRock World Mining Trust plc – Performance**





GBP	January 2021	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009
Share Price (TR)	1.5%	46.7%	19.4%	-10.7%	24.2%	100.6%	-37.0%	-30.4%	-17.5%	-4.1%	-21.5%	48.6%	122.0%
Undiluted NAV (TR)	-0.1%	31.0%	17.2%	-11.5%	23.8%	92.9%*	-35.3%	-26.4%	-24.6%	-5.0%	-22.3%	46.3%	103.0%
MSCI ACWI Metals & Mining 30% Buffer 10/40 Index (Reference Index)	-2.5%	20.6%	15.4%	-12.0%	21.4%	92.1%	-35.6%	-12.2%	-21.0%	-4.2%	-28.5%	26.2%	73.3%

The latest performance data can be found on our website: www.BlackRock.com OR <a href="www.BlackRock.co.uk">www.BlackRock.co.uk</a> The figures shown relate to past performance. Past performance is not a reliable indicator of current or future results and should not be the sole factor of consideration when selecting a product or strategy. Source: Datastream and BlackRock as at 31 January 2021- Performance in sterling terms, net of fees with income reinvested. Performance data may not have been audited and should only be regarded as estimates. Net Asset Value (NAV) performance is not the same as share price performance, and shareholders may realise returns that are lower or higher than NAV performance. Index performance returns do not reflect any management fees, transaction costs or expenses. Indices are unmanaged and one cannot invest directly in an index. \*includes impact of Avanco Royalty revaluation which happened on 31 December 2016. The Manager has discretion to select the Fund's investments.\*\*MSCI only provided USD returns for the new benchmark therefore the returns shown are based on BlackRock's currency assumptions and are subject to change.

#### **Summary**

We are optimistic on COVID-19 vaccine roll-outs supporting global economic growth and, in turn, commodity demand. Meanwhile, our analysis shows that the mining sector has performed particularly strongly during periods with significant increases in inflation expectations which we believe we could see this year.

Increased fiscal stimulus globally aimed at kick-starting economies in the COVID-19 crisis is being geared towards infrastructure spending which should support mined commodity demand. Meanwhile, we

technologies e.g. wind turbines and solar panels.

Capital expenditure has been slashed by the miners since the peak in 2013 which is constraining new commodity supply and supporting prices. Whilst capital expenditure has risen since 2016, it is still a long way below the peak and we are encouraged by rhetoric from management teams around continued capital discipline.

see the mining sector playing a crucial role in supplying the materials required for low carbon

Mining companies have focused on paying down debt in recent years and balance sheets are exceptionally strong today as a result. Given ongoing discipline, capital is being returned to shareholders in the form of dividends and buybacks. Meanwhile, we see potential for dividend upside given that prices for mined commodities have surprised to the upside e.g. iron ore.

**Past performance is not a reliable indicator of current or future results.** Source: BlackRock, January 2021. There is no guarantee that a positive investment outcome will be achieved.

#### **Risks Warnings**

The following notes should be read in conjunction with the attached document:

- Capital at risk. The value of investments and the income from them can fall as well as rise and is not guaranteed. You may not get back the amount originally invested.
- Changes in the rates of exchange between currencies may cause the value of investments to diminish or
  increase. Fluctuation may be particularly marked in the case of a higher volatility fund and the value of an investment
  may fall suddenly and substantially. Levels and basis of taxation may change from time to time. Tax treatment depends
  on the individual circumstances of each client and may be subject to change in the future.
- Past performance is not a reliable indicator of current or future results and should not be the sole factor of consideration when selecting a product or strategy.

#### **Fund specific risks**

#### **BlackRock World Mining Investment Trust plc**

- The Company can invest in economies and markets which may be less developed and this carries a greater risk of volatility and more uncertainty around how these markets operate, compared to more established economies.
- BlackRock World Mining Trust plc invests in mining shares which typically experience above average volatility when compared to other investments. Trends which occur within the general equity market may not be mirrored within mining securities.
- Overseas investments will be affected by currency exchange rate fluctuations.
- Gold / mining: Mining shares typically experience above average volatility when compared to other investments. Trends which occur within the general equity market may not be mirrored within mining securities.

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BlackRock has not considered the suitability of this investment against your individual needs and risk tolerance. To ensure you understand whether our product is suitable, please read the fund specific risks in the Key Investor Document (KID) which gives more information about the risk profile of the investment. The KID and other documentation are available on the relevant product pages at www.blackrock.co.uk/its. We recommend you seek independent professional advice prior to investing.

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