

Commodities

Asset Class Investment Strategies

This is a financial promotion. Your capital is at risk, the value of investments may fall and rise and you may not get back the full amount you invested. Past performance is not indicative of future returns.

Major Trends

Recent price surges have been driven by a spike in demand linked to post-COVID reopening combined with weak capital investment and geopolitical tensions. Energy and automotive supply chains in particular have struggled to keep up with the increase in demand. Separately, ESG initiatives have substantially increased the cost of capital for commodity extractors. This has meant that capex in base metals and oil/gas has roughly halved since its peak in 2014.¹ More recently, geopolitical conflicts have also contributed to supply concerns. Many of the above imbalances are expected to be resolved over the next 12-18 months. Separately, there is a prospect of additional energy supplies from the Middle East under a renewed JCPOA.

Over the longer term, a surge in demand for "green metals" is expected. The transition to green energy will create an increase in demand for copper, aluminium, lithium, cobalt and nickel over the coming decade. All will be crucial inputs into renewable technologies such as wind turbines, solar panels and EVs. The average EV requires roughly 4x the amount of copper compared to a standard internal combustion engine. McKinsey estimate that generating one terawatt-hour of electricity from solar and wind consumes two to three times more metals than generating the same terawatt-hour from a gas-fired power plant. Analysis by Goldman Sachs suggests that demand for copper and aluminium will rise by roughly 40% out to 2030.

Golden Rules

- Commodity markets are efficient. Profiting from commodity price movements requires having a differentiated view from the broad market. Everyone knows there is a green energy transition underway, so this is already reflected in the price. To profit further, you need to believe the market has underestimated the scale or speed of the transition.
- Both supply and demand are prone to unpredictable exogenous shocks from politics, weather, natural disasters and technological disruption and substitution. This makes fundamental research particularly difficult.
- Commodities do not provide an income stream and thus there is no long-term risk premium to be harvested or fundamental anchor to valuation beyond demand and supply speculation.
- These above factors mean that it is exceptionally difficult to generate alpha from trading commodities. This is borne out by the lack of any persistent alpha from active commodities managers.
- Commodities do typically provide some portfolio diversification benefits and may provide some inflation protection in certain environments.

^{1.} Source: Energy Intelligence.

2022 Strategic Priorities

As outlined in our framework for investing behind the global energy transition (a sub-chapter in the Macroeconomic view), pockets of commodities may offer longer-term value. The increase in green demand for metals such as copper and aluminium appears to be a structural support. This must be weighed against demand destruction from other destinations, such as declining Chinese investment in property and heavy industry/infrastructure. Analysis from BCA research suggests that aggregate demand in 2022 will likely fail to increase substantially as industrial demand from China (over 50% of global copper demand) will slow significantly and offset much of the increase in green demand (only 5% of global copper demand today). Investors have already put a significant premium on "green" commodities such as copper and aluminium, and as such we are not recommending investment just yet, but monitoring closely for future investment.

Expected 12-Month Returns

Exhibit 1

Expected returns by scenario

	Recovery Falters (10%)	Stagflation (10%)	Gradual Normalisation (60%)	Reflation 2.0 (20%)	Expected Value
Commodities	-25.0%	20.0%	3.0%	10.0%	3.3%
Notes	In the base case we assume the market has accurately discounted supply and demand of key commodities over the next 12 months, resulting in a modest return of 3%, but uncertainty is high, reflected in the wide range of returns in our scenario modelling.				

Return assumptions are for the 12 months from 31 January 2022. These estimates of performance returns should not be construed to be indicative of actual events that will occur. Please see important disclosures at page 3

DISCLAIMER

Copyright © 2023, Partners Capital Investment Group LLP

Within the United Kingdom, this material has been issued by Partners Capital LLP, which is authorised and regulated by the Financial Conduct Authority of the United Kingdom (the "FCA"), and constitutes a financial promotion for the purposes of the rules of the Financial Conduct Authority. Within Hong Kong, this material has been issued by Partners Capital Asia Limited, which is licensed by the Securities and Futures Commission in Hong Kong (the "SFC") to provide Types 1 and 4 services to professional investors only. Within Singapore, this material has been issued by Partners Capital Investment Group (Asia) Pte Ltd, which is regulated by the Monetary Authority of Singapore as a holder of a Capital Markets Services licence for Fund Management under the Securities and Futures Act and as an exempt financial adviser. Within France, this material has been issued by Partners Capital Europe SAS, which is regulated by the Autorité des Marchés Financiers (the "AMF").

For all other locations, this material has been issued by Partners Capital Investment Group, LLP which is registered as an Investment Adviser with the US Securities and Exchange Commission (the "SEC") and as a commodity trading adviser and commodity pool operator with the Commodity Futures Trading Commission ("CFTC") and is a member of the National Future's Association (the "NFA").

This material is being provided to clients, potential clients and other interested parties (collectively "clients") of Partners Capital LLP, Partners Capital Asia Limited, Partners Capital Investment Group (Asia) Pte Ltd, Partners Capital Europe SAS and Partners Capital Investment Group, LLP (the "Group") on the condition that it will not form a primary basis for any investment decision by, or on behalf of the clients or potential clients and that the Group shall not be a fiduciary or adviser with respect to recipients on the basis of this material alone. These materials and any related documentation provided herewith is given on a confidential basis. This material is not intended for public use or distribution. It is the responsibility of every person reading this material to satisfy himself or herself as to the full observance of any laws of any relevant jurisdiction applicable to such person, including obtaining any governmental or other consent which may be required or observing any other formality which needs to be observed in such jurisdiction. The investment concepts referenced in this material may be unsuitable for investors depending on their specific investment objectives and financial position.

This material is for your private information, and we are not soliciting any action based upon it. This report is not an offer to sell or the solicitation of an offer to buy any investment. While all the information prepared in this material is believed to be accurate, the Group, may have relied on information obtained from third parties and makes no warranty as to the completeness or accuracy of information obtained from such third parties, nor can it accept responsibility for errors of such third parties, appearing in this material. The source for all figures included in this material is Partners Capital Investment Group, LLP, unless stated otherwise. Opinions expressed are our current opinions as of the date appearing on this material only. We do not undertake to update the information discussed in this material. We and our affiliates, officers, directors, managing directors, and employees, including persons involved in the preparation or issuance of this material may, from time to time, have long or short positions in, and buy and sell, the securities, or derivatives thereof, of any companies or funds mentioned herein.

Whilst every effort is made to ensure that the information provided to clients is accurate and up to date, some of the information may be rendered inaccurate by changes in applicable laws and regulations. For example, the levels and bases of taxation may change at any time. Any reference to taxation relies upon information currently in force. Tax treatment depends upon the individual circumstances of each client and may be subject to change in the future. The Group is not a tax adviser and clients should seek independent professional advice on all tax matters.

Within the United Kingdom, and where this material refers to or describes an unregulated collective investment scheme (a "UCIS"), the communication of this material is made only to and/or is directed only at persons who are of a kind to whom a UCIS may lawfully be promoted by a person authorised under the Financial Services and Markets Act 2000 (the "FSMA") by virtue of Section 238(6) of the FSMA and the Financial Services and Markets Act 2000 (Promotion of Collective Investment Schemes) (Exemptions) Order 2001 (including other persons who are authorised under the FSMA, certain persons having professional experience of participating in unrecognised collective investment schemes, high net worth companies, high net worth unincorporated associations or partnerships, the trustees of high value trusts and certified sophisticated investors) or Section 4.12 of the FCA's Conduct of Business Sourcebook ("COBS") (including persons who are professional clients or eligible counterparties for the purposes of COBS). This material is exempt from the scheme promotion restriction (in Section 238 of the FSMA) on the communication of invitations or inducements to participate in a UCIS on the grounds that it is being issued to and/or directed at only the types of person referred to above. Interests in any UCIS referred to or described in this material are only available to such persons and this material must not be relied or acted upon by any other persons.

Within Hong Kong, where this material refers to or describes an unauthorised collective investment schemes (including a fund) ("CIS"), the communication of this material is made only to and/or is directed only at professional investors who are of a kind to whom an unauthorised CIS may lawfully be promoted by Partners Capital Asia Limited under the Hong Kong applicable laws and regulation to institutional professional investors as defined in paragraph (a) to (i) under Part 1 of Schedule to the Securities and Futures Ordinance ("SFO") and high net worth professional investors falling under paragraph (j) of the definition of "professional investor" in Part 1 of Schedule 1 to the SFO with the net worth or portfolio threshold prescribed by Section 3 of the Securities and Futures (Professional Investor) Rules (the "Professional Investors").

Within Singapore, where this material refers to or describes an unauthorised collective investment schemes (including a fund) ("CIS"), the communication of this material is made only to and/or is directed only at persons who are of a kind to whom an unauthorised CIS may lawfully be promoted by Partners Capital Investment Group (Asia) Pte Ltd under the Singapore applicable laws and regulation (including accredited investors or institutional investors as defined in Section 4A of the Securities and Futures Act).

Within France, where this material refers to or describes to unregulated or undeclared collective investment schemes (CIS) or unregulated or undeclared alternative Investment Funds (AIF), the communication of this material is made only to and/or is directed only at persons who are of a kind to whom an unregulated or undeclared CIS or an unregulated or undeclared AIF may lawfully be promoted by Partners Capital Europe under the French applicable laws and regulation, including professional clients or equivalent, as defined in Article D533-11, D533-11-1, and D533-13 of the French Monetary and Financial Code.

Certain aspects of the investment strategies described in this presentation may from time to time include commodity interests as defined under applicable law. Within the United States of America, pursuant to an exemption from the US Commodity Futures Trading Commission (CFTC) in connection with accounts of qualified eligible clients, this brochure is not required to be, and has not been filed with the CFTC. The CFTC does not pass upon the merits of participating in a trading program or upon the adequacy or accuracy of commodity trading advisor disclosure. Consequently, the CFTC has not reviewed or approved this trading program or this brochure. In order to qualify as a certified sophisticated investor a person must (i) have a certificate in writing or other legible form signed by an authorised person to the effect that he is sufficiently knowledgeable to understand the risks associated with participating in unrecognised collective investment schemes and (ii) have signed, within the last 12 months, a statement in a prescribed form declaring, amongst other things, that he qualifies as a sophisticated investor in relation to such investments.

This material may contain hypothetical or simulated performance results which have certain inherent limitations. Unlike an actual performance record, simulated results do not represent actual trading. Also, since the trades have not actually been executed, the results may have under- or overcompensated for the impact, if any, of certain market factors, such as lack of liquidity. Simulated trading programs in general are also subject to the fact that they are designed with the benefit of hindsight. No representation is being made that any client will or is likely to achieve profits or losses similar to those shown. These results are simulated and may be presented gross or net of management fees. This material may include indications of past performance of investments or asset classes that are presented gross and net of fees. Gross performance results are presented before Partners Capital management and performance fees, but net of underlying manager fees. Net performance results include the deduction of Partners Capital management and performance fees, and of underlying manager fees. Partners Capital fees will vary depending on individual client fee arrangements. Gross and net returns assume the reinvestment of dividends, interest, income and earnings.

The information contained herein has neither been reviewed nor approved by the referenced funds or investment managers. Past performance is not a reliable indicator and is no guarantee of future results. Investment returns will fluctuate with market conditions and every investment has the potential for loss as well as profit. The value of investments may fall as well as rise and investors may not get back the amount invested. Forecasts are not a reliable indicator of future performance.

Certain information presented herein constitutes "forwardlooking statements" which can be identified by the use of forward-looking terminology such as "may", "will", "should", "expect", "anticipate", "project", "continue" or "believe" or the negatives thereof or other variations thereon or comparable terminology. Any projections, market outlooks or estimates in this material are forward –looking statements and are based upon assumptions Partners Capital believe to be reasonable. Due to various risks and uncertainties, actual market events, opportunities or results or strategies may differ significantly and materially from those reflected in or contemplated by such forward-looking statements. There is no assurance or guarantee that any such projections, outlooks or assumptions will occur.

Certain transactions, including those involving futures, options, and high yield securities, give rise to substantial risk and are not suitable for all investors. The investments described herein are speculative, involve significant risk and are suitable only for investors of substantial net worth who are willing and have the financial capacity to purchase a high risk investment which may not provide any immediate cash return and may result in the loss of all or a substantial part of their investment. An investor should be able to bear the complete loss in connection with any investment.

All securities investments risk the loss of some or all of your capital and certain investments, including those involving futures, options, forwards and high yield securities, give rise to substantial risk and are not suitable for all investors.