Morgan Stanley Investment Funds

Indian Equity Fund

EMERGING MARKETS EQUITY TEAM

Performance Review

In the one month period ending 30 November 2024, the Fund's I shares returned 0.38% (net of fees)¹, while the benchmark returned -0.42%.

After a choppy first half of the month due to global economic uncertainty, mixed festive season and subdued earnings, Indian equities rebounded in the second half on optimism for policy continuity after the Maharashtra elections. The Fund outperformed the benchmark, helped by positive contributions from our stock selection and overweight in the consumer discretionary sector. Our underweight allocation and stock selection within the utilities sector also contributed, along with our underweight allocation within the energy sector. Our stock selection in the financials and industrials sectors detracted.

At the stock level, our overweight allocations to MakeMyTrip, Zomato and Mahindra & Mahindra benefited from the broader Indian equity market rally after the Bharatiya Janata Party (BJP)-led National Democratic Alliance's (NDA) victory in Maharashtra election.

Our overweight selection to Samvardhana Motherson detracted from performance in the month as the stock declined after its reported net income for fiscal second quarter 2025 missed estimates. Motherson has historically been one of the best companies in the auto components sector. It has been expanding its exposure to the India manufacturing/"China plus one" thematic with new business lines in the smartphone manufacturing supply chain. We believe that Motherson continues to be a favourable play in the manufacturing thematic as a global auto supplier.

Our zero-weight exposure to Tata Consultancy Services (TCS), a global IT services provider, also detracted from performance. Indian tech stocks rallied after Trump's presidential win on optimism that American companies would likely increase tech spending under a Trump administration. U.S. firms have historically been the largest clients for Indian IT companies. U.S. corporate tax cuts would likely allow for increased IT spending, which would in turn likely provide tailwinds for Indian IT services companies.

Market Review

The MSCI India Index (down -0.4%) outperformed the MSCI Emerging Markets Index (down -3.6%) in November in U.S. dollar terms, bringing the India index's total return year-to-date to +14.6%. The S&P BSE Sensex (up 0.5%) slightly outperformed the S&P BSE SmallCap Index (up 0.4%) and the S&P BSE Midcap Index (down 0.2%) in November, while the MSCI India Growth Index underperformed the MSCI India Value Index.

Total institutional flows were positive for the 29th month, running at \$2.5 billion in November. Foreign portfolio investors (FPI) remained sellers in November with outflows of \$2 billion in the cash market and bought \$0.6 billion in the futures market. FPI flows turned positive in the debt market with inflows of \$0.1 million. Domestic mutual funds continued to buy stocks, totalling \$3.3 billion (up to 27 November).

In November, the rupee marginally depreciated against the U.S. dollar by -0.5%.³

In November, oil prices rose by +1.3% month-on-month in rupee per barrel terms following a rise of +0.5% in the previous month.³

Portfolio Activity

During the month, we initiated a position in NTPC Green Energy, a subsidiary of NTPC, through its initial public offering (IPO). NTPC Green Energy provides green energy solutions and is an investment in India's energy security and transition theme. We believe that India's peak power demand deficit is driving capital expenditure growth. Peak power demand has been growing at 7% compound annual growth rate levels and is expected to reach 10%, which enhances the need for acceleration in capacity for renewables. We are opportunistically investing in this energy transition and surging electricity demand thematic through pockets where we find value, such as NTPC Green Energy.

We exited our positions in Unicommerce eSolutions and Brainbees Solutions (Firstcry). We had subscribed to both IPOs and with the run-up of both stocks post listing, we took profit as we believe that the potential for further upside will likely be limited.

Strategy and Outlook

The recent incoming high frequency indicators remained mixed, albeit reflecting an overall pickup in activity momentum. Within auto sales, two-wheelers retail sales declined 3.3% while passenger vehicles rose 8.2% on a year-on-year basis in November. Credit growth continued to weaken to 11.1% year-on-year in November.⁵

¹ Source: Morgan Stanley Investment Management Limited. Data as of 30 November 2024.

² Source for all flows, GST and PMI data: Morgan Stanley – India Equity Strategy: November 2024, published 1 December 2024.

³ Source: J.P. Morgan – India Equity Strategy, published 1 December 2024.

⁴ Source: Jefferies. Data as of November 2024.

⁵ Source: Morgan Stanley – India Economics: High frequency data, published 4 December 2024.

Goods and services tax (GST) collections weakened to 1.82 trillion rupees, growing 8.5% year-on-year. The manufacturing purchasing manager's index (PMI) fell to an 11-month low of 56.5 due to softer increase in new orders and production.² The services PMI remained steady at 58.5 from 58.4 in October.²

The November headline consumer price index (CPI) moderated in line with expectations to 5.5% year-on-year in November versus 6.2% in October. Food CPI softened to 9% year-on-year in November from 10.9% in October, led by slowing in vegetables, fruits, pulses and sugar prices. Core CPI (excluding food and fuel) stabilized at 3.7% year-on-year in November for the second consecutive month, with a mixed trend across core goods and services.

The economy is undergoing cyclical adjustments, led by a slowdown in consumption (following the withdrawal of accommodative monetary policy since 2022) and subdued government-led spending on capital expenditure (which had driven gross fixed capital formation in the years following the pandemic). While the cyclical slowdown is leading to pockets of earnings consolidation and near-term market correction, we believe the backdrop is in place for private capital expenditure to inflect as consumption growth recovers. Balance sheets for both corporates and the banking system are more resilient today than in earlier periods of consumption weakness, which we believe provides a good setup for private capital expenditure to turn.

We find fiscal room to support growth very limited as the government continues on its path toward fiscal consolidation. Government spending may optically increase over next four to five months, as the noise related to central and some key state elections fades (as April to September spends have been weak) but will broadly remain constrained in the medium term.

Monetary policy, hence, becomes the key driver of growth over next six to 18 months. Consumption growth has largely moved in line with system-level liquidity. We believe, with fiscal spending constrained, monetary spending will likely be the key variable from here. The Reserve Bank of India (RBI) has already changed its policy stance to neutral. The spike in food inflation (despite core inflation remaining weak), U.S. dollar strengthening and a change in the U.S. Federal Reserve easing path are near-term hurdles for the RBI, which has recently become more focused on the rupee-dollar exchange rate. However, we do think that this should be peak tightness on the monetary front and the trend from here should be towards easing.

With this view, we continue to favour cyclical financials where we expect credit cost and cost of funds to peak in one to two quarters. We believe that fixed-rate book financials (both banks and non-banking financial companies) should benefit in the next two to three years in this cycle. Usually, easing in credit conditions has a delayed impact (about six to nine months) on pickup in lower-ticket discretionary spending.

We will continue to be invested in structural capital expenditure themes (like peak power deficit, renewables, exports, import substitution, strategic areas and others). We are also on the lookout for total addressable market expansion themes in consumption.

For further information, please contact your Morgan Stanley Investment Management representative.

Fund Facts

Launch date	30 November 2006					
Base currency	U.S. dollars					
Benchmark	MSCI India (Net) Index					

Calendar Year Returns (%)

Past performance is not a reliable indicator of future results.

	YTD	2023	2022	2021	2020	2019	2018	2017	2016	2015	2014
Class I Shares	23.31	21.22	-9.91	32.41	8.79	1.90	-20.24	41.65	2.69	-0.30	44.34
MSCI India (Net) Index	14.57	20.81	-7.95	26.23	15.55	7.58	-7.30	38.76	-1.43	-6.12	23.87

All performance data is calculated NAV to NAV, net of fees, and does not take account of commissions and costs incurred on the issue and redemption of units. The sources for all performance and Index data is Morgan Stanley Investment Management. Please visit our website www.morganstanley.com/im to see the latest performance returns for the fund's other share classes.

² Source for all flows, GST and PMI data: Morgan Stanley – India Equity Strategy: November 2024, published 1 December 2024.

⁶ Source: Morgan Stanley – India Economics, published 12 December 2024.

Share Class I Risk and Reward Profile

- The fund may be impacted by movements in the exchange rates between the fund's currency and the currencies of the fund's investments.
- The fund relies on other parties to fulfill certain services, investments or transactions. If these parties become insolvent, it may expose the fund to financial loss.
- Sustainability factors can pose risks to investments, for example: impact asset values, increased operational costs.
- There may be an insufficient number of buyers or sellers which may affect the funds ability to buy or sell securities.
- There are increased risks of investing in emerging markets as political, legal and operational systems may be less developed than in developed markets.
- Past performance is not a reliable indicator of future results.
 Returns may increase or decrease as a result of currency
 fluctuations. The value of investments and the income from
 them can go down as well as up and investors may lose all
 or a substantial portion of his or her investment.
- The value of the investments and the income from them will vary and there can be no assurance that the Fund will achieve its investment objectives.
- Investments may be in a variety of currencies and therefore changes in rates of exchange between currencies may cause the value of investments to decrease or increase.
 Furthermore, the value of investments may be adversely affected by fluctuations in exchange rates between the investor's reference currency and the base currency of the investments.

Please refer to the Prospectus for full risk disclosures. All data as of 30 November 2024 and subject to change daily.

Applications for shares in the Fund should not be made without first consulting the current Prospectus and the Key Information Document ("KID") or Key Investor Information Document ("KIID"), which are available in English and in the official language of your local jurisdiction at morganstanleyinvestmentfunds.com or free of charge from the Registered Office of Morgan Stanley Investment Funds, European Bank and Business Centre, 6B route de Trèves, L-2633 Senningerberg, R.C.S. Luxemburg B 29 192.

Information in relation to sustainability aspects of the Fund and the summary of investor rights is available at the aforementioned website.

If the management company of the relevant Fund decides to terminate its arrangement for marketing that Fund in any EEA country where it is registered for sale, it will do so in accordance with the relevant UCITS rules.

INDEX INFORMATION

The **MSCI India Index** is designed to measure the performance of the large and mid cap segments of the Indian market.

The MSCI Emerging Markets Net Index is a free float-adjusted market capitalization weighted index that is designed to measure equity market performance of emerging markets. The term "free float" represents the portion of shares outstanding that are deemed to be available for purchase in the public equity markets by investors. The MSCI Emerging Markets Index currently consists of 24 emerging-market country indices. The performance of the index is listed in U.S. dollars and assumes reinvestment of net dividends. The index does not include any expenses, fees or sales charges, which would lower performance. The index is unmanaged and should not be considered an investment. It is not possible to invest directly in an index

The S&P BSE SENSEX (S&P Bombay Stock Exchange Sensitive Index) is a free-float market-weighted stock market index of 30 well-established and financially sound companies listed on Bombay Stock Exchange.

The **S&P BSE MidCap Index** measures the mid-cap segment of India's stock market.

The **S&P BSE SmallCap Index** measures the small-cap segment of India's stock market.

The **MSCI India Growth Index** captures large- and mid-cap securities exhibiting overall growth style characteristics in India, as defined by long-term forward earnings per share (EPS) growth rate, short-term forward EPS growth rate, current

internal growth rate and long-term historical EPS growth trend and long-term historical sales per share growth trend.

The **MSCI India Value Index** captures large- and mid-cap Indian securities exhibiting overall value style characteristics, as defined by book value to price, 12-month forward earnings to price and dividend yield.

DISTRIBUTION

This material is only intended for and will be only distributed to persons resident in jurisdictions where such distribution or availability would not be contrary to local laws or regulations. It is the responsibility of any person in possession of this material and any persons wishing to make an application for Shares in pursuant to the Prospectus to inform themselves and observe all applicable laws and regulations of any relevant jurisdictions.

MSIM, the asset management division of Morgan Stanley (NYSE: MS), and its affiliates have arrangements in place to market each other's products and services. Each MSIM affiliate is regulated as appropriate in the jurisdiction it operates. MSIM's affiliates are: Eaton Vance Management (International) Limited, Eaton Vance Advisers International Ltd, Calvert Research and Management, Eaton Vance Management, Parametric Portfolio Associates LLC, and Atlanta Capital Management LLC.

In the EU, MSIM materials are issued by MSIM Fund Management (Ireland) Limited ("FMIL"). FMIL is regulated by the Central Bank of Ireland and is incorporated in Ireland as a private company limited by shares with company registration number 616661 and has its registered address at 24-26 City Quay, Dublin 2, DO2 NY19, Ireland.

Outside the EU, MSIM materials are issued by Morgan Stanley Investment Management Limited (MSIM Ltd) is authorised and regulated by the Financial Conduct Authority. Registered in England. Registered No. 1981121. Registered Office: 25 Cabot Square, Canary Wharf, London E14 4QA.

Switzerland: MSIM materials are issued by Morgan Stanley & Co. International plc, London (Zurich Branch) Authorised and regulated by the Eidgenössische Finanzmarktaufsicht ("FINMA"). Registered Office: Beethovenstrasse 33, 8002 Zurich, Switzerland.

Italy: MSIM FMIL (Milan Branch), (Sede Secondaria di Milano) Palazzo Serbelloni Corso Venezia, 16 20121 Milano, Italy. The Netherlands: MSIM FMIL (Amsterdam Branch), Rembrandt Tower, 11th Floor Amstelplein 1 1096HA, Netherlands. France: MSIM FMIL (Paris Branch), 61 rue de Monceau 75008 Paris, France. Spain: MSIM FMIL (Madrid Branch), Calle Serrano 55,

28006, Madrid, Spain. **Germany:** MSIM FMIL Frankfurt Branch, Grosse Gallusstrasse 18, 60312 Frankfurt am Main, Germany (type: branch office (FDI) pursuant to Section 53b KWG).

Dubai: MSIM Ltd (Representative Office, Unit Precinct 3-7th Floor-Unit 701 and 702, Level 7, Gate Precinct Building 3, Dubai International Financial Centre, Dubai, 506501, United Arab Emirates. Telephone: +97 (0)14 709 7158).

This document is distributed in the Dubai International Financial Centre by Morgan Stanley Investment Management Limited (Representative Office), an entity regulated by the Dubai Financial Services Authority ("DFSA"). It is intended for use by professional clients and market counterparties only. This document is not intended for distribution to retail clients, and retail clients should not act upon the information contained in this document.

This document relates to a financial product which is not subject to any form of regulation or approval by the DFSA. The DFSA has no responsibility for reviewing or verifying any documents in connection with this financial product. Accordingly, the DFSA has not approved this document or any other associated documents nor taken any steps to verify the information set out in this document, and has no responsibility for it. The financial product to which this document relates may be illiquid and/or subject to restrictions on its resale or transfer. Prospective purchasers should conduct their own due diligence on the financial product. If you do not understand the contents of this document, you should consult an authorized financial adviser.

Hong Kong: This material is disseminated by Morgan Stanley Asia Limited for use in Hong Kong and shall only be made available to "professional investors" as defined under the Securities and Futures Ordinance of Hong Kong (Cap 571). The contents of this material have not been reviewed nor approved by any regulatory authority including the Securities and Futures Commission in Hong Kong. Accordingly, save where an exemption is available under the relevant law, this material shall not be issued, circulated, distributed, directed at, or made available to, the public in Hong Kong. Singapore: This material should not be considered to be the subject of an invitation for subscription or purchase, whether directly or indirectly, to the public or any member of the public in Singapore other than (i) to an institutional investor under section 304 of the Securities and Futures Act, Chapter 289 of Singapore ("SFA"); or (ii) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA. In particular, for investment funds that are not authorized or recognized by the MAS, units in such funds are not allowed to be offered to the retail public; any written material issued to persons as aforementioned in connection with an offer is not a prospectus as defined in the SFA and, accordingly, statutory liability under the SFA in relation to the content of prospectuses does not apply, and investors should consider carefully whether the investment is suitable for them. Australia: This material is provided by Morgan Stanley Investment Management (Australia) Pty Ltd ABN 22122040037, AFSL No. 314182 and its affiliates and does not constitute an offer of interests. Morgan Stanley Investment Management (Australia) Pty Limited arranges for MSIM affiliates to provide financial services to Australian wholesale clients. Interests will only be offered in circumstances under which no disclosure is required under the Corporations Act 2001 (Cth) (the "Corporations Act"). Any offer of interests will not purport to be an offer of interests in circumstances under which disclosure is required under the Corporations Act and will only be made to persons who qualify as a "wholesale client" (as defined in the Corporations Act). This material will not be lodged with the Australian Securities and

Investments Commission.

Chile: Potential investors are advised that this document refers to foreign securities that may be registered in the Foreign Securities Register ("FSR") from the Commission for Financial Markets (Comisión para el Mercado Financiero or "CMF") (the "Registered Securities") or that may not be registered in the FSR (the "Non-Registered Securities").

For Registered Securities, please be advised: The securities being offered are foreign. Shareholder rights and obligations are those of the issuer's home jurisdiction. Shareholders and potential investors should inform themselves on what those rights and obligations are and how to exercise them. CMF supervision of the securities is limited to information requirements in Rule 352, overall supervision is conducted by the foreign regulator in the issuer's home jurisdiction. Public information available for the securities is exclusively that required by the foreign regulator and accounting principles and auditing rules might differ to those applicable to Chilean issuers. The provisions on Article 196 of Law 18.045 are applicable to all parties involved in the registration, deposit, transaction and other acts associated with the foreign securities ruled by Title XXIV of Law 18.045.

Applications for Fund interests in the sub-fund mentioned herein should not be made without first consulting the current Prospectus, Key Information Document ("KID") or Key Investor Information Document ("KIID"), Annual Report and Semi-Annual Report ("Offering Documents"), or other documents available in your local jurisdiction which is available free of charge from the Registered Office European Bank and Business Centre, 6B route de Trèves, L-2633 Senningerberg, R.C.S. Luxemburg B 29 192.

For Non-Registered Securities, please be advised: THE SECURITIES INCLUDED IN THIS DOCUMENT ARE NOT REGISTERED IN THE FSR AND OFFERS REGARDING SUCH SECURITIES WILL BE CONDUCTED SUBJECT TO GENERAL RULE N°336 OF THE CMF, BEGINNING AT THE DATE OF THIS DOCUMENT. THESE ARE FOREIGN SECURITIES AND THEIR ISSUER IS UNDER NO OBLIGATION TO PROVIDE PUBLIC DOCUMENTS IN CHILE. THE SECURITIES ARE NOT SUBJECT TO THE SUPERVISION OF THE CMF AND CANNOT BE PUBLICLY OFFERD. THEREFORE, THIS DOCUMENT AND OTHER OFFERING MATERIALS RELATING TO THE OFFER OF THE INTERESTS IN THE FUND DO NOT CONSTITUTE A PUBLIC OFFER OF, OR AN INVITATION TO SUBSCRIBE FOR OR PURCHASE, THE FUND INTERESTS IN THE REPUBLIC OF CHILE.

Please contact your local Distributor or the person who provided this document for information on the registration status of specific securities.

Peru: The Fund is a sub Fund of the Morgan Stanley Investment Funds, a Luxembourg domiciled Société d'Investissement à Capital Variable (the "Company") is registered in the Grand Duchy of Luxembourg as an undertaking for collective investment pursuant to Part 1 of the Law of 17th December 2010, as amended. The Company is an Undertaking for Collective Investment in Transferable Securities ("UCITS"). If the Fund and the interests in the Fund have been registered in Peru under Decreto Legislativo 862: Ley de Fondos de Inversión y sus Sociedades Administradoras as amended; under Decreto Legislativo 861: Ley del Mercado de Valores (the "Securities Market Law") as amended, and under the **Reglamento del** Mercado de Inversionistas Institucionales approved by Resolución SMV N°021-2013-SMV/01 as amended by the Resolución de Superintendente N°126-2020-SMV/02 (the Reglamento 1") and Resolución de Superintendente N°035-2021-SMV/02 (the "Reglamento 2"), and are being offered to institutional investors only (as defined in article 8 of the

Securities Market Law) under the special public offering directed exclusively to the institutional investors under the Reglamento 1 and Reglamento 2, then the interests in the Fund will be registered in the Section "Del Mercado de Inversionistas Institucionales" of the Securities Market Public Registry (Registro Público del Mercado de Valores) maintained by the Superintendencia del Mercado de Valores (SMV), and the offering of the Fund interests in Peru only to institutional investors will be subject to the supervision of the SMV, as well as any transfers of the Fund interests shall be subject to the limitations contained in the Securities Market Law and the regulations issued thereunder mentioned before, under which the Fund interests may only be transferred between institutional investors under Article 27 of the Reglamento 1 and Reglamento 2. If neither the Fund nor the interests in the Fund have been and will not be registered in Peru under Decreto Legislativo 862 and under Decreto Legislativo 861 referenced above, nor they will be subject to a public offering directed to institutional investors under the **Reglamento 1**, and will be offered to institutional investors only (as defined in article 8 of the Securities Market Law) pursuant to a private placement, according to article 5 of the Securities Market Law, the interests in the Fund will not be registered in the Securities Market Public Registry maintained by the SMV, and the offering of the Fund interests in Peru to institutional investors nor the Fund will be subject to the supervision of the SMV, and any transfers of the Fund interests shall be subject to the limitations contained in the Securities Market Law and the regulations issued thereunder mentioned before, under which the Fund interests may only be transferred between institutional investors. Applications for Fund interests in the sub-fund mentioned herein should not be made without first consulting the current Prospectus, Key Information Document ("KID") or Key Investor Information Document ("KIID"), Annual Report and Semi-Annual Report ("Offering Documents"), or other documents available in your local jurisdiction which is available free of charge from the Registered Office European Bank and Business Centre, 6B route de Trèves, L-2633 Senningerberg, R.C.S. Luxemburg B 29 192.

IMPORTANT INFORMATION

EMEA: This marketing communication has been issued by MSIM Fund Management (Ireland) Limited ("FMIL"). MSIM FMIL is regulated by the Central Bank of Ireland and is incorporated in Ireland as a private company limited by shares with company registration number 616661 and has its registered address at 24-26 City Quay, Dublin 2, DO2 NY19, Ireland.

This material contains information relating to the sub-funds of Morgan Stanley Investment Funds, a Luxembourg domiciled Société d'Investissement à Capital Variable. Morgan Stanley Investment Funds (the "Company") is registered in the Grand Duchy of Luxembourg as an undertaking for collective investment pursuant to Part 1 of the Law of 17th December 2010, as amended. The Company is an Undertaking for Collective Investment in Transferable Securities ("UCITS").

Applications for shares in the sub-fund should not be made without first consulting the current Prospectus, Key Information Document ("KID") or Key Investor Information Document ("KID"), Annual Report and Semi-Annual Report ("Offering Documents"), or other documents available in your local jurisdiction which is available free of charge from the Registered Office: European Bank and Business Centre, 6B route de Trèves, L-2633 Senningerberg, R.C.S. Luxemburg B 29 192. In addition, all Italian investors should refer to the 'Extended Application Form', and all Hong Kong investors should refer to the 'Additional Information for Hong Kong Investors' section, outlined within the Prospectus. Copies of the Prospectus, KID or KIID, the

Articles of Incorporation and the annual and semi- annual reports, in German, and further information can be obtained free of charge from the representative in Switzerland. The representative in Switzerland is Carnegie Fund Services S.A., 11, rue du Général-Dufour, 1204 Geneva. The paying agent in Switzerland is Banque Cantonale de Genève, 17, quai de l'Île, 1204 Geneva. The material has been prepared solely for informational purposes and does not constitute an offer or a recommendation to buy or sell any particular security or to adopt any specific investment strategy. Investors should be aware that a diversified strategy does not protect against a loss in a particular market.

The views and opinions and/or analysis expressed are those of the the investment team as of the date of preparation of this material and are subject to change at any time without notice due to market or economic conditions and may not necessarily come to pass. Furthermore, the views will not be updated or otherwise revised to reflect information that subsequently becomes available or circumstances existing, or changes occurring, after the date of publication. The views expressed do not reflect the opinions of all investment personnel at Morgan Stanley Investment Management (MSIM) and its subsidiaries and affiliates (collectively "the Firm"), and may not be reflected in all the strategies and products that the Firm offers.

Any index referred to herein is the intellectual property (including registered trademarks) of the applicable licensor. Any product based on an index is in no way sponsored, endorsed, sold or promoted by the applicable licensor and it shall not have any liability with respect thereto. The Fund is actively managed, and the management of the fund is not constrained by the composition of the Benchmark.

All investments involve risks, including the possible loss of principal. The material contained herein has not been based on a consideration of any individual client circumstances and is not investment advice, nor should it be construed in any way as tax, accounting, legal or regulatory advice. To that end, investors should seek independent legal and financial advice, including advice as to tax consequences, before making any investment decision.

The use of leverage increases risks, such that a relatively small movement in the value of an investment may result in a disproportionately large movement, unfavourable as well as favourable, in the value of that investment and, in turn, the value of the Fund

Investment in the Fund concerns the acquisition of units or shares in a fund, and not in a given underlying asset such as building or shares of a company, as these are only the underlying assets owned.

The information contained in this communication is not a research recommendation or 'investment research' and is classified as a 'Marketing Communication' in accordance with the applicable European or Swiss regulation. This means that this marketing communication (a) has not been prepared in accordance with legal requirements designed to promote the independence of investment research (b) is not subject to any prohibition on dealing ahead of the dissemination of investment research.

MSIM has not authorised financial intermediaries to use and to distribute this material, unless such use and distribution is made in accordance with applicable law and regulation. MSIM shall not be liable for, and accepts no liability for, the use or misuse of this material by any such financial intermediary. If you are a distributor of the Morgan Stanley Investment Funds, some or all of the funds or shares in individual funds may be available for distribution. Please refer to your sub-distribution agreement for these details before forwarding fund information to your

clients.

The whole or any part of this material may not be directly or indirectly reproduced, copied, modified, used to create a derivative work, performed, displayed, published, posted, licensed, framed, distributed or transmitted or any of its contents disclosed to third parties without the Firm's express written consent. This material may not be linked to unless such

hyperlink is for personal and non-commercial use. All information contained herein is proprietary and is protected under copyright and other applicable law.

This material may be translated into other languages. Where such a translation is made this English version remains definitive. If there are any discrepancies between the English version and any version of this material in another language, the English version shall prevail.